D-Link®

Version 1.0 | 27/03/2013

User Manual

ShareCenter™ + 2-Bay Cloud Network Storage Enclosure

DNS-327L

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Product Overview

The D-Link ShareCenter™ DNS-327L is a 2-Bay Cloud Network Storage device. When used with internal SATA drives, it enables you to share documents, files, and digital media such as music, photos, and video with everyone in your home or in the office network. Remotely accessing files through the internet is also possible using the built-in FTP server, Web File server and the WebDAV protocol. Whether you are allowing access locally or over the internet, you can keep data safe by only giving rights to specific users or groups. Users can also access their DNS-327L remotely using the mydlink portal, or using mobile devices with the mydlink Access-NAS app on a mobile phone or tablet. When configuring the DNS-327L, you can create and assign users and groups to folders with either read or read/write permissions. This is ideal for an office environment with employee-specific sensitive data or for the home where you can limit your children to age appropriate material. The DNS-327L will be available to any computer (PC,Mac, or Linux) on your network, without the need to install any software.

You may back up yoru music, photos, and video collections to teh DNS-327L for safekeeping. Then enjoy the benefits of the built-in UPnP AV media server as you stream digital content to compatible media players[2] (such as those found in D-Link's MediaLounge product line). This feature is highly convenient as it allows you to turn off a computer that would normally be needed for the same function.

The availability of four different hard drive modes (Standard, JBOD, RAID 0, RAID1) allows you to choose the configuration best suited to your needs. Standard mode creates two separately accessible hard drives. JBOD combines both drives in linear fashion for maximum space efficiency. RAID 0 combines both drives in a 'striped' configuration, which provides the highest performance when using a Gigabit Ethernet connection. RAID 1 causes the drives to mirror each other, providing maximum protection. If one drive fails while configured as RAID 1, the unaffected drive continues to function as a single drive until the failed drive is replaced. The new drive will then be re-mirrored, allowing the DNS-327L to return to its full protection.

To further enhance your ShareCenter's™ capabilities, the DNS-327L supports a proprietary mydlink service, provided to D-Link customers only, serves as a portal to those users who wish to access their data from any location. Mydlink service supports list, download, upload or delete files/folders and can see the status of a ShareCenter™ from any location via web browser.

The DNS-327L also has several Add-on features to enhance your experience, including PhotoCenter, Blogging, Transmission and Audio Streamer among others.

1 Hard Drive(s) not included.

2 D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback capability depends on the codec support of the UPnP™ AV media player.

Before you Begin

- Check box contents
- Check system requirements
- Ensure that you have the hardware you need for your ShareCenter™ device

System Requirements

For best results, the following minimum requirements are recommended on any system used to configure and use the ShareCenter™:

- Computer with: 1Ghz processor / 512MB RAM / 200MB available space / CD-ROM drive
- Internet Explorer® version 8, Mozilla® Firefox® 4, Google® Chrome 3, or Apple® Safari® 4 and above
- Windows® XP (with Service Pack 2), Windows Vista®, Windows® 7, Windows® 8
- Mac OS® X 10.5.6 or greater
- 3.5" SATA Hard Drive(s)

Package Contents

- D-Link ShareCenter™ DNS-327L
- CD-ROM with Manual and Software
- Quick Installation Guide
- 12VDC 3A Output Power Adapter
- CAT5E Ethernet Cable

Features

The ShareCenter™ DNS-327L is an easy to install data storage platform used for remote access through a local network or from the Internet. This ShareCenter™ supports up to 2 SATA hard drives and includes the product features listed below:

- Equipped one 10/100/1000 Mbps auto-MDIX Gigabit Ethernet LAN port, 1000BASE-T support Half duplex and Full duplex mode
- Embedded two SATA II 3.5" HDD interface, support 4TB HDD
- 2-bay Serial ATA with RAID 0/1 and JBoD supported
- Equipped Ultra Cooler (Plastic housing + FAN speed control)
- Trays for the hard drives.
- Supports Real-Time Clock (RTC)
- Network Options
  - DHCP Client or Static IP
  - NTP Client
  - Windows 7/ Vista x32/64 PnP-X/ LLTD
  - Dynamic DNS
  - Bonjour
  - UPnP Port Forwarding
  - IPv6
- Network File Services
  - Supports Windows XP/ Vista/ 7/ 8, Mac OSX 10.5+, Linux clients
  - CIFS/SMB for Windows and Mac OS X and Linux
  - NFSv3 Server for Linux and UNIX
  - AFP3.3 for Mac OS X
  - HTTP and HTTP/S for web browsers
  - WebDAV
- File System
  - EXT4 for internal HDD
  - FAT32, NTFS for USB external Storage
- File System Management
  - Unicode Support for both Samba and FTP server
  - File sharing: Windows/ Mac/ Linux
  - File Searching
- FTP server
  - FTP over explicit SSL/ TLS mode (FTPES)
  - FTP bandwidth and connection control
  - FTP support FXP
  - IP Blocking
- Disk Management
  - Hot Swappable
  - RAID: Standard, JBOD, 0, 1
  - RAID 1 Auto/Manual Rebuild
  - RAID migration: Standard to RAID 1
  - Disk Status Monitoring (S.M.A.R.T)
  - HDD S.M.A.R.T test
  - Scandisk
  - Support Advanced Format HDD
  - AES based volume encryption
  - Disk Roaming
  - RAID roaming

- Folder Management
  - Share Folder Level Permission
  - Supports ISO mount
  - ISO creator
- Remote File Sharing
  - My Files (Web File Server)
  - WebDAV
  - FTP Server
  - Mobile device accesss (mydlink Access NAS)
- User/Group Management
  - User/Group assignmentfor network sharing and FTP server
  - Quota for user and group
  - Assign users to multiple groups
  - Create User/Import User(s) batch files
- Backup Management
  - Schedule Backup from PC to NAS (ShareCenter™ Sync)
  - Remote network backup (Rsync, Remote Snapshot)
  - Apple Time Machine support
  - Local Backup
  - USB Backup
  - USB Copy button
  - Cloud Storage Backup (Amazon S3)
- Download Management
  - HTTP/FTP schedule download
  - Peer-to-peer (P2P) downloads, aMule and Transmission support
- System Management
  - Support mydlink portal
  - Support D-Link Storage Utility / Setup Wizard
    - OS Support: Windows XP, Vista, 7, 8 and Mac OS X
  - Two access modes supported: Open (Share) mode and Account (User) mode, no setup Account and Password necessary in open mode
  - Support Configuration file save/load
  - System Status
  - Email / SMS notifications
  - Network Recycle Bin
  - System /FTP Log (Syslog Client)
  - Rescue F/W image
  - Resource Monitor
  - Multi-lingual GUI support
- Power Management
  - Power Saving (Disk idle spin-down)
  - Automatic power recovery (with UPS)
  - Schedule power on/off
  - Auto-shutdown on UPS low battery
  - Smart FAN control
  - Network UPS
- USB port support
  - Print Server
  - UPS monitoring
  - External storage device
  - MTP/PTP
- Media Streaming
  - UPnP AV Server

- Support PS3 / XBOX 360
- Support UPnP AV > 4GB
- Comply with DLNA HNv1.5
- D-Link new Media Player (including Boxee) compatible

- Supports Logitech Squeeze Center
- Support Sonos Digital Music System via Samba
- iTunes Server
- Audio Streamer (icestation)
- My Music (Music Center)
- My Photos (Photo Center)

- Cloud Service-mydlink Portal Web Access
  - Remote Files Access through Web Browser
  - Browse, Upload/Download, and Manage File/Folders
  - Redirect to NAS Device UI for the Access of NAS Applications
  - Email Notification to Registered mydlink Account
  - Supports Zero configuration
- Cloud Service–Mobile Apps (the "mydlink Access-NAS" app)
  - Ability to Access Content from Mobile Devices
  - Browse, Upload/Download, Open, and Manage File/Folders
  - View Photo and Playback Multimedia Files
  - Access to Media: Streaming for Music, Photo Galleries
  - Content Classification : Classify Contents by "Photo, Music, Video, and Document"
  - Supports iOS, Android
- Built-in Applications
  - My Files (Web File Server)
  - My Photos (Photo Center)
  - My Music (Music Center)
  - My Surveillance (Surveillance Center)
- My Files
  - Access, and Manage (Copy, Move, Delete, Rename, zip/unzip) Files through Web Browser
  - Open Files on Web Browser or from PC's Default Program
  - Share Files to Social Network (Facebook, Picasa, Flickr)
  - Shows File Properties
- My Photos
  - Generates Photo Library, and Sort by All Photos, and by Timeline
  - Creates Albums and Manage Photos
  - Share Photos to Social Networks (Facebook, Picasa, Flickr)
  - Views Photos through Cooliris
  - Slideshows
  - Supports AirPlay
  - Shows and Adds GPS information of Photos
- My Music
  - Generates Music Library, and Sort by All Tracks, Albums, Artists, and Genres
  - Supports Playlist
  - Integrates Music Player
  - Supports AirPlay

- My Surveillance
  - Camera Auto Installation
  - 4-Channel Motion JPEG, MPEG4 or H.264 Recording
  - Audio & Video recording in Synchronization
  - Auto Recycling Recording
  - 4-channel Live Video
  - 4-channel Synchronous Playback
  - Recording Type : Record by Schedule, Manual Record
  - E-map Support
  - Backup Recorded Video
- Add-ons Applications
  - Multilingual Language Package
  - Photo Center (Gallery2)
  - Blog (Wordpress)
  - Audio Streamer (icestation)
  - Logitech Squeeze Center
  - AjaXplorer
  - aMule
  - phpMyAdmin
  - phpBB
  - Joomla
  - Transmission
- Web Browsers supported
  - Internet Explorer 8+
  - Mozilla Firefox 4
  - Apple Safari 4+
  - Google Chrome 3+
  - Opera 10

Checking the Hardware Requirements

To use your DNS-327L, you will need at least one hard drive. If you plan to use RAID 1, which protects your data against one hard drive failure, you will need two hard drives.

This section will help you:

- Select the hard drives
- Determine hard disk space you will need
- Ensure your data is protected
- Understand the basic requirements for a router or switch

Selecting Hard Drives:

You can use hard drives from any manufacturer and with any capacity with your DNS-327L The D-Link ShareCenter™ supports standard 3.5" internal SATA drives. If you are unsure, ask your administrator or hard drive retailer/manufacturer to verify that your hard drives meet this standard

***Warning - Any pre-existing data on the drives will be erased during installation.**

Determining How Much Hard Drive Space you Need:

In order to protect your data from hard drive failure, your DNS-327L requires more space than what you will use for your data, sometimes more than double the amount of space required.

Using a Router or Switch:

If you are connecting your ShareCenter™ to a router or switch, your router or switch needs to support Gigabit Ethernet (1000Mbit/s) for maximum performance. The ShareCenter™ will auto-negotiate the highest connection speed available to your router or switch. If you are using Port Bonding, use a managed switch.

Using an Uninterrupted Power Supply (UPS):

We highly recommend that you use your ShareCenter™ in conjunction with an uninterrupted power supply (UPS), which will protect against sudden loss in power and power surges.

Hardware Overview

Front Panel

COMPONENT	DESCRIPTION
Top Panel	This panel unlatches simply by pressing the lever at the back. Unhook and lift up to insert or remove your hard drive(s).
Front Panel	The casing of the entire NAS
Power Button	Press once to power on the ShareCenter™. Press and hold the button for more than 5 seconds to power it down.
USB Button	Press once to activate USB or press and hold the button for more than 5 seconds to release USB activity.
Left HDD/Right HDD	Indicates the position of the drive (Left or Right)
LED Indicators	Illuminates blue or red depending on activity (see the next page for details)

LED Description

Power On/Off:
White Light - the device is on
Blinking Orange - the device is booting or restarting
No Light - the device is off

USB On/Off:
White Light - the USB Storage is connected
Blinking Orange - transferring data, a USB device is being installed or unmounted
Orange Light - USB storage failed to mount
No Light - No USB Storage or the device is off

HDD On/Off:
Orange Light(s) - the hard drives are faulty
No Light(s) - the hard drives are inactive

HDD On/Off:
White Light(s) - the hard drives are working
Blinking Orange Light(s) - the HDD(s) is writing/reading

Rear Panel (Connections)

COMPONENT	DESCRIPTION
Cooling Fan	The cooling fan is used to cool the hard drives and features speed control. When the unit is first powered on, the fans rotate at a low speed and later rotate at a high speed when the temperature rises above 49 °C.
Gigabit Ethernet Ports	Use the Gigabit Ethernet port to connect the ShareCenter™ to the local network. The port is equipped with 2 LEDs. The LED on the left will illuminate solid green for a good connection and will blink during data transmission. If this LED is off, check the connection/cable to the device you are connecting to. The LED on the right will light solid for a Gigabit connection and will remain off when connected to a 10/100 device.
Power Receptacle	Connect the supplied power cord to the receptacle.
USB Port	A single USB 3.0 (Type A) connector. The USB Host port is for Print Servers, USB memory disks, or USB UPS monitoring.
Latch	Press the latch to release the Top Panel and insert or remove the hard drives
Security Lock	Prevent theft by tying a cable to the ShareCenter™ NAS and a desk. Cable is sold separately.

Bottom Panel

COMPONENT	DESCRIPTION
Product Details	Information about the product - DNS-327L Serial Number, Part Number, Manufacturer Number
Reset Button	Press and hold this button for more than 5 seconds to reset the unit to factory defaults.

Getting Started
Hardware Setup

This User Guide will help you get your ShareCenter™ set up in just a few steps. To install the ShareCenter™ on your local network, refer to the steps below, or skip to page 17 to run the setup wizard which will show you how to install and configure your DNS-327L.

Step 1 - Remove the top panel by firmly pressing the latch at the back.

Step 2 - Once the faceplate is unlatched, pull it off the the device to expose the devices's bays.

Step 3 - Attach the hard drive brackets to the sides of your hard drives with the included screws. Ensure the brackets are aligned so that when the hard drive is inserted, the arrow on the bracket points to the front of the ShareCenter™ .

Step 4 - Insert up to two 3.5" SATA hard drives into the drive bays.

Note: Make sure to align the drive connector to the SATA connector at the back edge inside the drive bay of the ShareCenter™. Gently push the drive in until it connects. When a drive is inserted properly, you will feel it "set" into the connector. Some hard drives that are thin or oddly shaped may need to be inserted carefully into position. If a drive is not properly set in place, the hard drive LED will not illuminate after powering on the device.

Step 5 - Re-attach the top panel. Ensure the latch is inserted inside the panel.

Step 6 - Connect an Ethernet cable to the Ethernet port. This cable should connect the ShareCenter™ to your local network via a router, switch, or directly to a computer for configuration (cross-over cable required).

Step 7 - Connect the power adapter to the power receptacle.

Zero Configuration Setup

If you have a mydlink-enabled Cloud Router, you can take advantage of Zero Configuration. Zero Configuration automatically configures your NAS's settings for you, and adds it to your mydlink account automatically. This type of setup allows you to set up your DNS-327L by simply plugging it in and connecting it to your router.

Connect your NAS to your mydlink-enabled Cloud Router and Zero Configuration will automatically configure your DNS-327L and automatically add it to your mydlink account. After the short time it takes to do this you can remotely access your NAS from the www.mydlink.com website to manage and monitor your DNS-327L.

Connect the Ethernet Cable

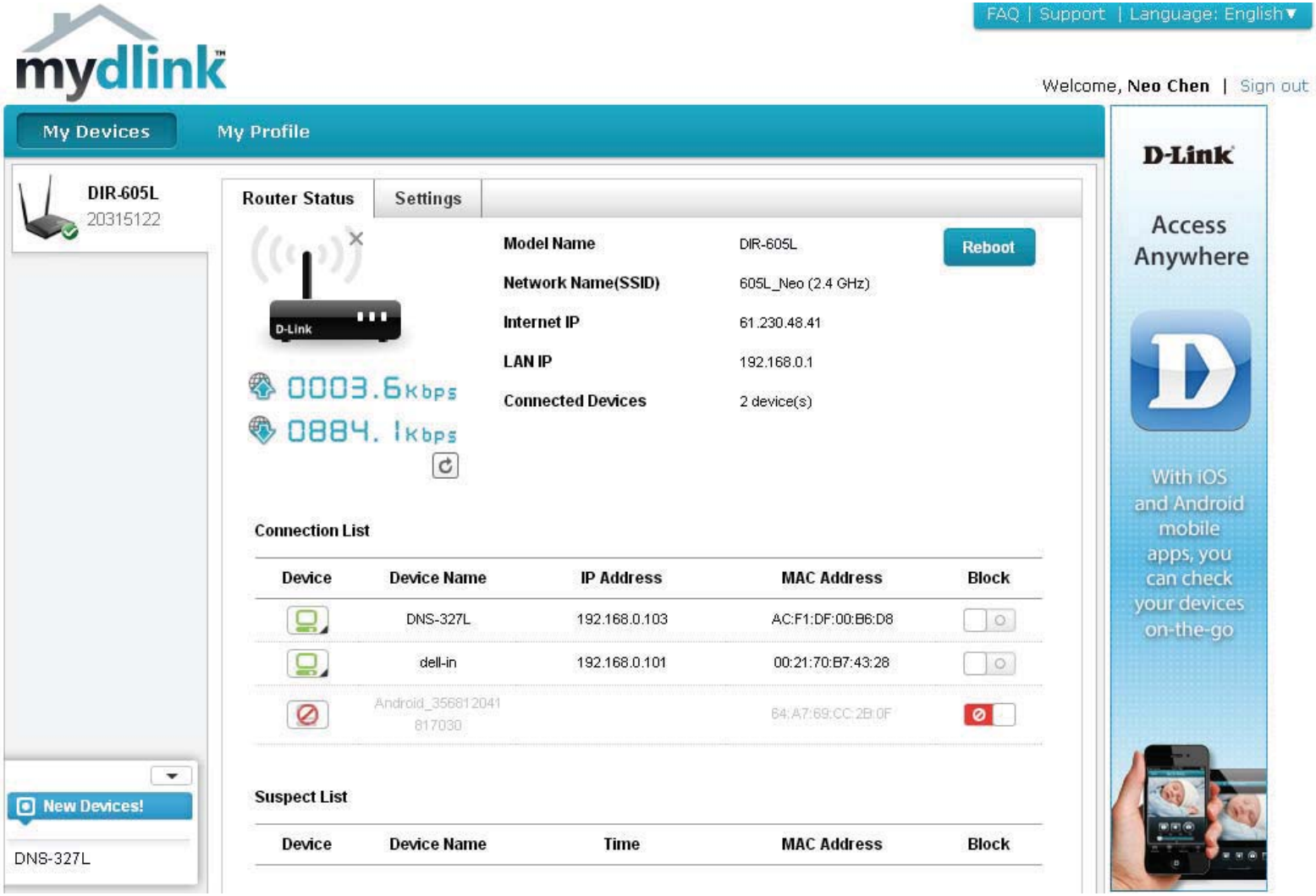
Use the included Ethernet cable and plug it into the NAS. Plug the other end into an available port on your router. If you wish to use your NAS wirelessly, you will be able to remove the cable from the router after Zero Configuration Setup is complete.

Attach the External Power Adapter

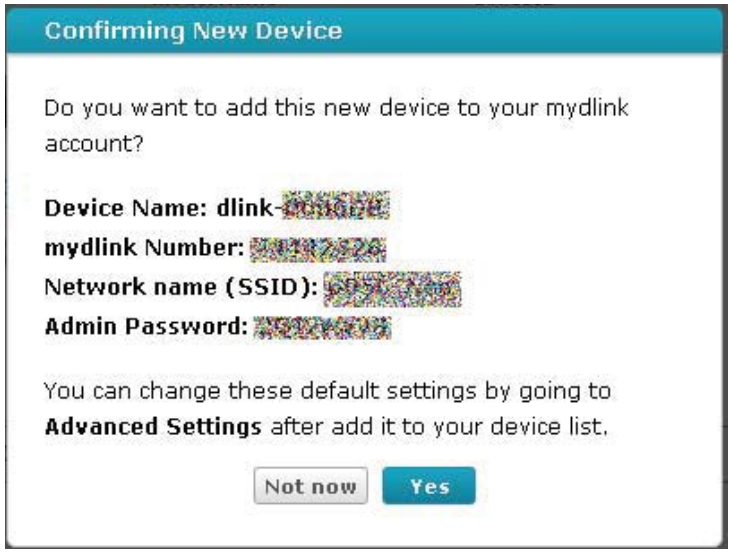
Connect the power adapter to the power connector on your NAS, then plug the power adapter into a wall outlet.

Check Your mydlink Account

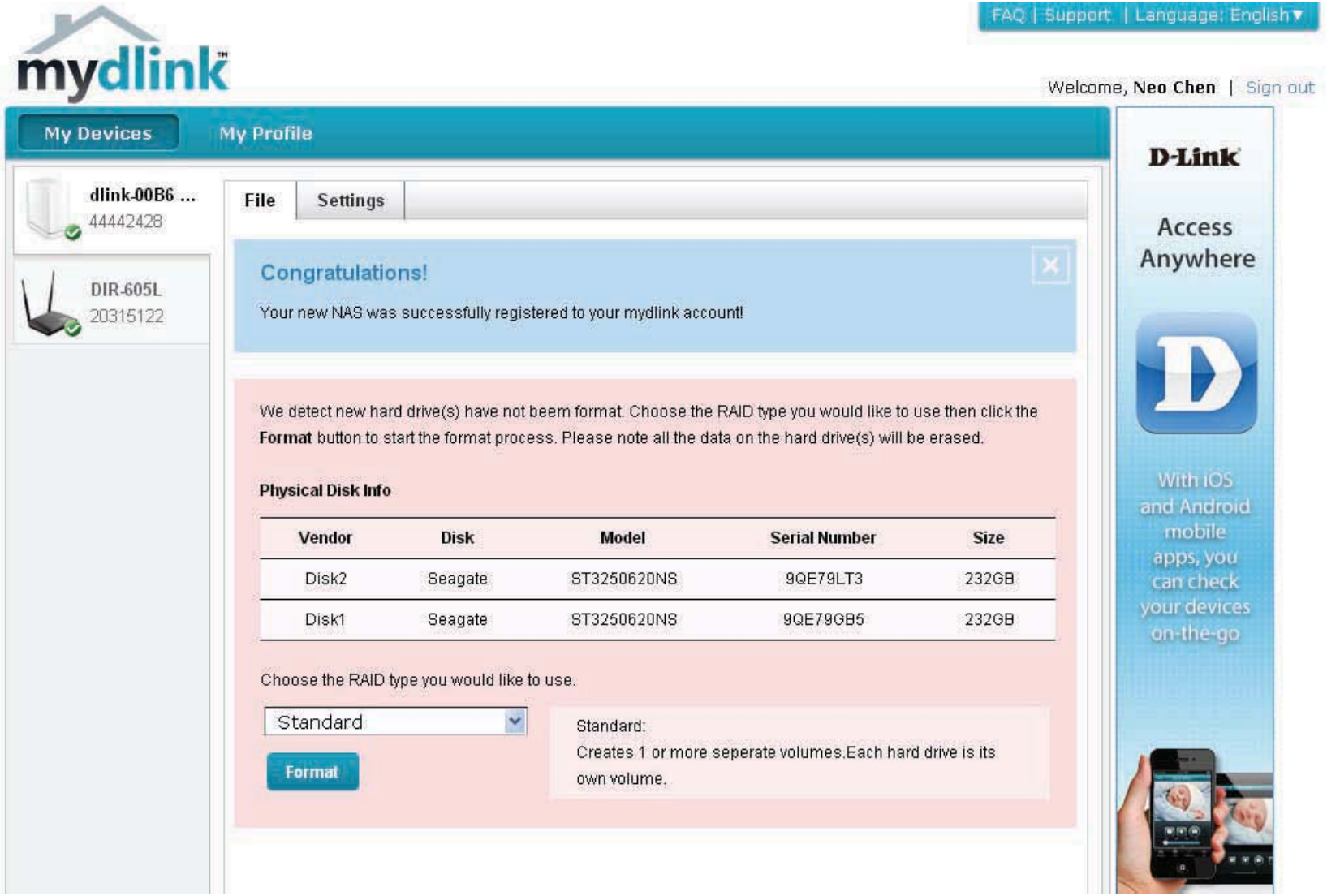
Open a web browser and login to your mydlink account. The mydlink page will check for new devices and display a New device Found! pop-up notification in the bottom-left corner. Click the notification to continue.



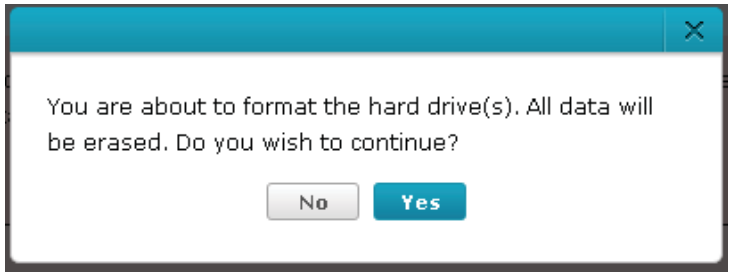
Double-click the device to add it to your mydlink devices. If you wish to add it immediately, click Yes, but if you are unsure of what to do click No. The pop-up screen displays the **Device Name**, **mydlink number**, **Network Name**, and **Admin Password**. If you are unsure of what to do, you can always go back to **Advanced Settings**.


Confirming New Device
Do you want to add this new device to your mydlink account?
Device Name: dlink-
mydlink Number:
Network name (SSID):
Admin Password:
You can change these default settings by going to Advanced Settings after add it to your device list.
Not now
Yes

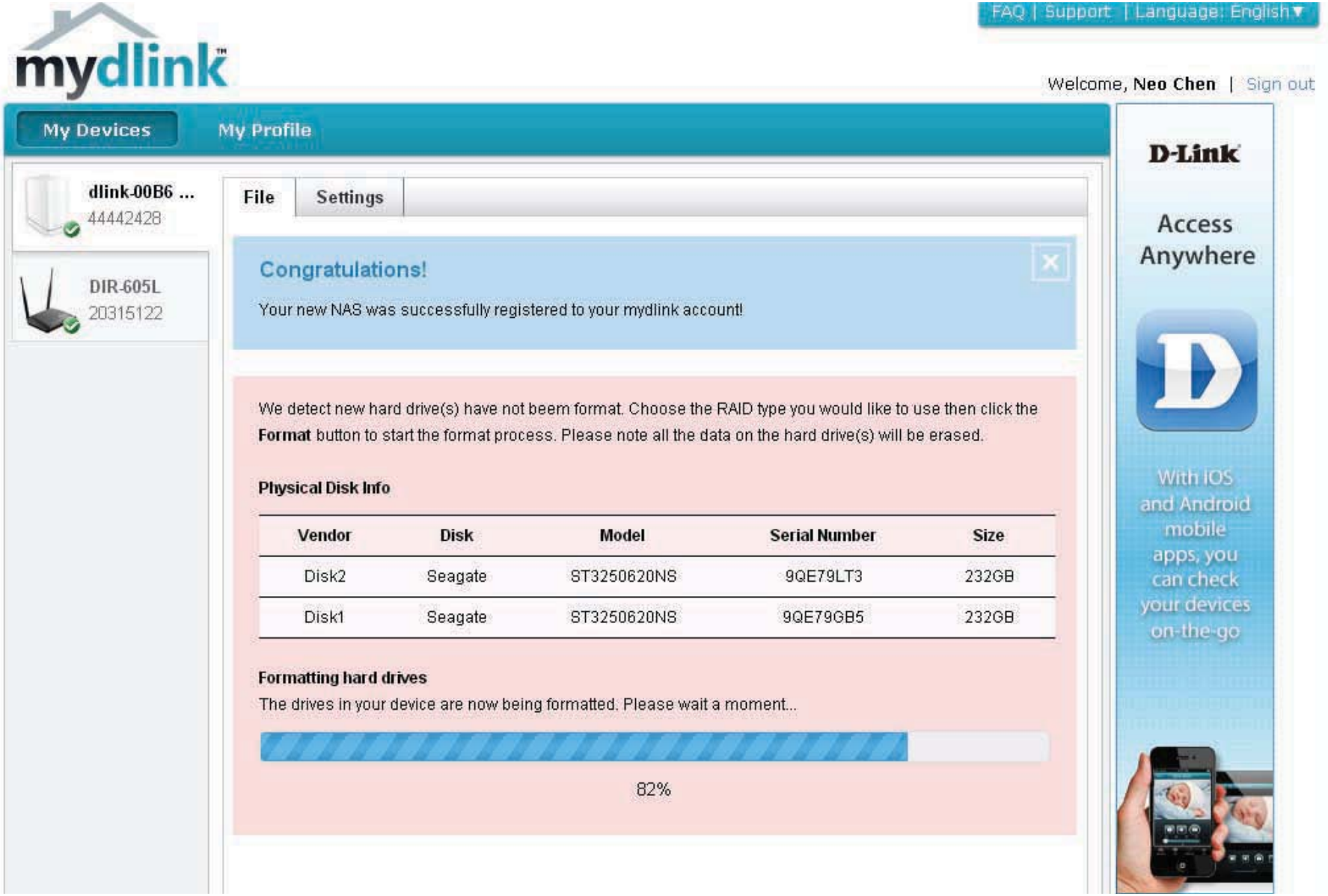
After the DNS-327L is registered, you will be able to access all information about the NAS from the cloud service. This service is already available locally but the mydlink service provides a way for you to view these details from any location. From this location, you can view all physical disk information, and configure RAID. Please be advised that configuring RAID over the mydlink service will slow your system down and this service depends on your ISP and the speeds you are using to connect to mydlink.


mydlink
FAQ | Support | Language: English
Welcome, Neo Chen | Sign out
My Devices
My Profile
dlink-00B6 ...
44442428
DIR-605L
20315122
File
Settings
Congratulations!
Your new NAS was successfully registered to your mydlink account!
We detect new hard drive(s) have not beem format. Choose the RAID type you would like to use then click the Format button to start the format process. Please note all the data on the hard drive(s) will be erased.
Physical Disk Info
Vendor Disk Model Serial Number Size
Disk2 Seagate ST3250620NS 9QE79LT3 232GB
Disk1 Seagate ST3250620NS 9QE79GB5 232GB
Choose the RAID type you would like to use.
Standard
Format
Standard:
Creates 1 or more seperate volumes.Each hard drive is its own volume.
D-Link
Access Anywhere
With iOS and Android mobile apps, you can check your devices on-the-go

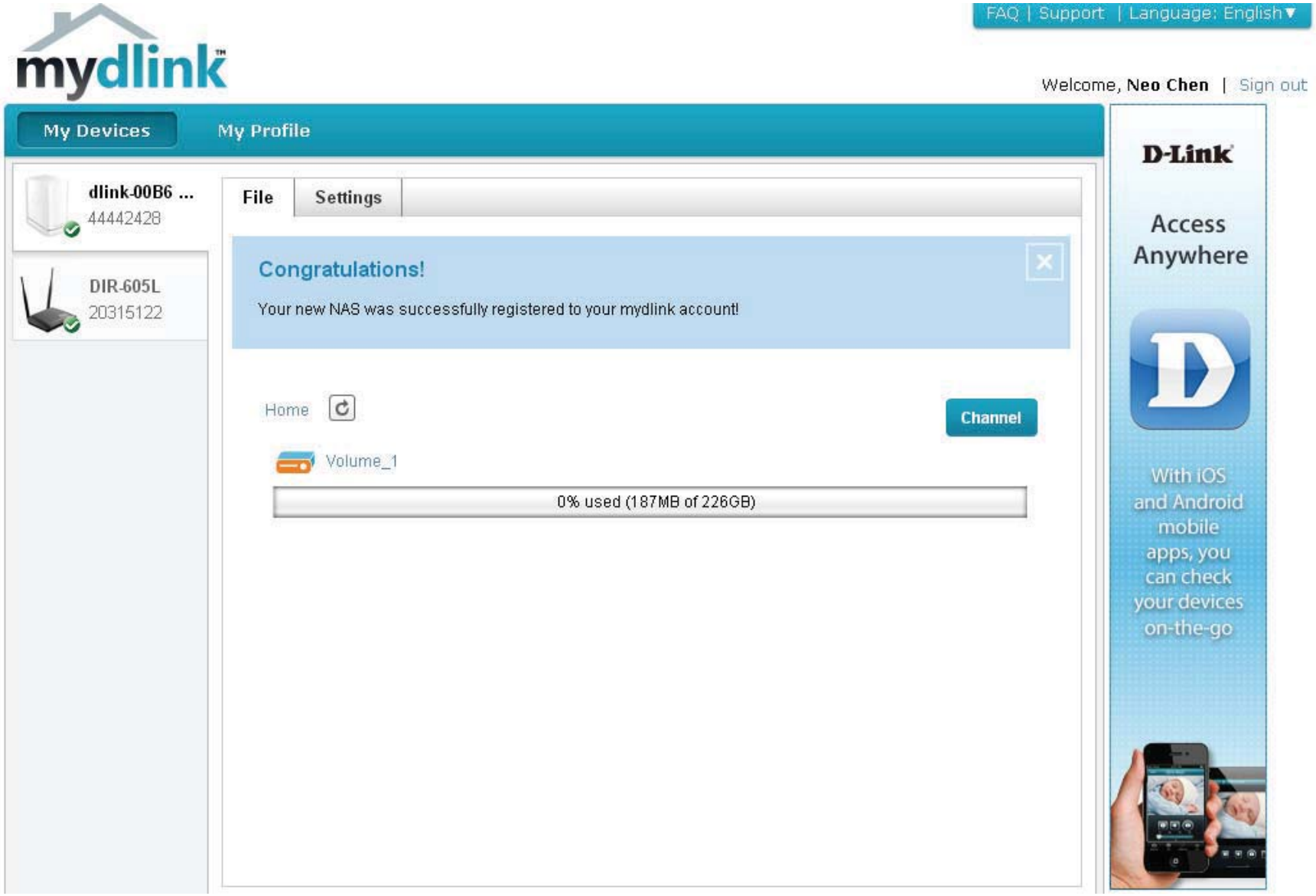
If you have decided to format your NAS using mydlink, select the RAID method from the drop-down list and the click Format button. A pop-up message appears asking you to confirm your choice to format the volume using mydlink. Click Yes to format, No to return to the menu.



The format process takes a while to finish. The format process depends on the speed of your network connection and client CPU.

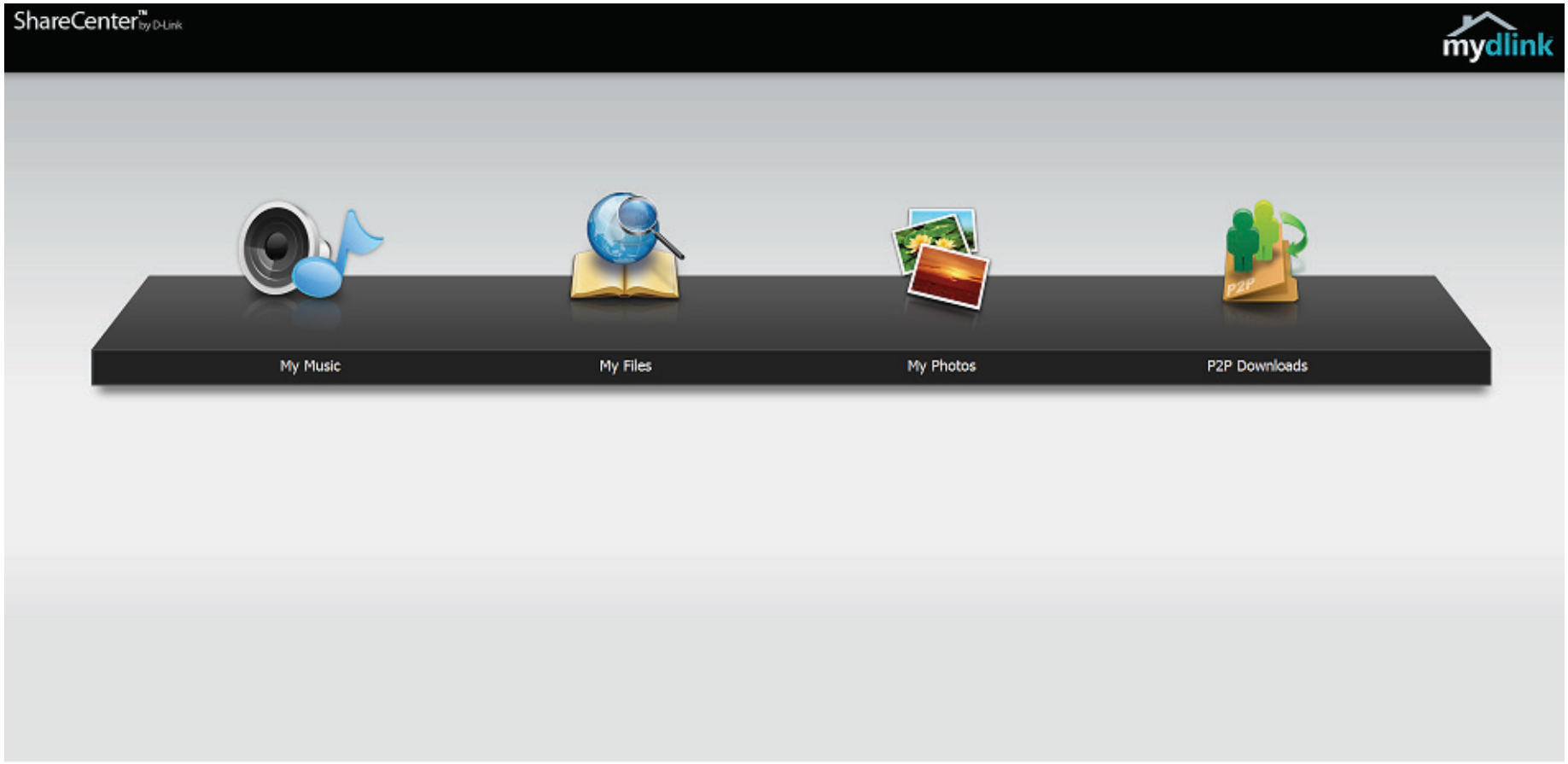

mydlink
FAQ | Support | Language: English
Welcome, Neo Chen | Sign out
My Devices
My Profile
dlink-00B6 ...
44442428
DIR-605L
20315122
File
Settings
Congratulations!
Your new NAS was successfully registered to your mydlink account!
We detect new hard drive(s) have not beem format. Choose the RAID type you would like to use then click the Format button to start the format process. Please note all the data on the hard drive(s) will be erased.
Physical Disk Info
Vendor Disk Model Serial Number Size
Disk2 Seagate ST3250620NS 9QE79LT3 232GB
Disk1 Seagate ST3250620NS 9QE79GB5 232GB
Formatting hard drives
The drives in your device are now being formatted. Please wait a moment...
82%
D-Link
Access Anywhere
With iOS and Android mobile apps, you can check your devices on-the-go

Once the format process is complete, mydlink cloud will show you the RAID status and the Volume Status. It also displays the size of the drive avaiable and used.



mydlink on the DNS-327L

The DNS-327L provides a different UI experience than the usual NAS interface. once connected to the mydlink service. Click the Application button you can access **My Music**, **My Files**, **My Photos**, and **P2P Downloads** from the main panel.

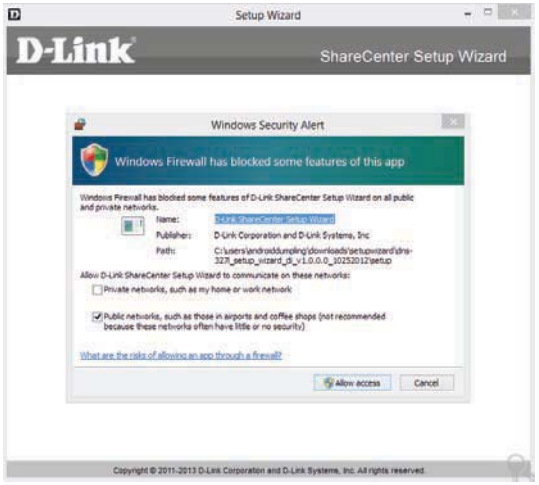


Windows Installation
Setup Wizard

To run the Setup Wizard, insert the ShareCenter™ CD into your CD-ROM drive.

Step 1 - When the autorun screen appears, click **Install**

Note: *Windows Firewall presents you with a warning message to unblock the device. Click Unblock to give your computer access to the NAS.*



Step 2 - Select the Language of your choice and then click the **Start** button.

Setup Wizard
D-Link
ShareCenter Setup Wizard
Welcome
Welcome to the D-Link ShareCenter (DNS-327L) Setup Wizard. This wizard will guide you through the setup of your D-Link storage device.
Select your Language:
English
START

Install the Hard Drives

Step 3 - Follow the instructions to remove the top cover of your ShareCenter™ .

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Pull The Top Out
Access the drive bays by sliding the top back until it unlatches from the device.
Once the faceplate is unlatched, pull it off the device to expose the device's bays.
Click NEXT to continue.
PREV
NEXT
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Step 4 - Attach the Hard Drives Bracket(s) to the side of the hard drives as indicated.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Attach The Hard Drive Bracket(s)
Attach the hard drive brackets to the back of your hard drives with the included screws. Ensure that the brackets are aligned so that when the hard drive is inserted, the arrow on the bracket points to the front of the ShareCenter.
Click NEXT to continue.
PREV
NEXT
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Step 5 - Slide one, or two hard drive into an available hard drive bay of your ShareCenter™.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Install The Hard Drive(s)
Align the drives with the grooves in the enclosure, insert one or two 3.5" SATA hard drives into the drive bays until they are firmly seated. If a drive has been inserted incorrectly, the LED will not light up.
Click NEXT to continue.
PREV
NEXT
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Connect to your Network

Step 6 - With the hard drives installed properly into each bay, close the chassis by re-attaching the top panel into place.

Click **Next** to continue.

Step 7 - Connect a CAT5 Ethernet cable to your ShareCenter™ and connect the other end to a switch or router (Local LAN).

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Connect To Your Network
Connect an Ethernet cable to the Ethernet port of your DNS-327L.
This cable should connect your DNS-327L to your local network
via a router or switch, or directly to a computer for configuration.
Click NEXT to continue.
PREV
NEXT
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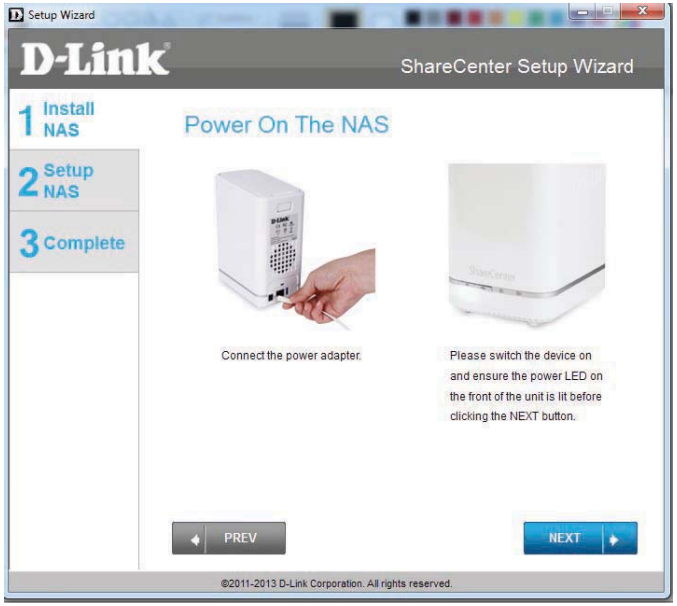
Power and Device Selection

Step 8 - Connect the power adapter connector to the power receptacle on the back of the ShareCenter™ . Then, power on the ShareCenter™ by pressing the power button located in the front panel.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Power On The NAS
Connect the power adapter.
Please switch the device on and ensure the power LED on the front of the unit is lit before clicking the NEXT button.
PREV
NEXT
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Step 9 - With the power on, press the **Next** button on the device and check and make sure the IP address of your ShareCenter™ matches what you see on the screen.

Note: *Allow 1-2 minutes for the DNS-327L to be recognized.*

Click **Next** to continue.

Step 10 - A warning message will appear prompting you to confirm the device. Click Yes, to proceed.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Select A Device
Please select a device:
REFRESH
Please check if the power LED is blinking on the ShareCenter's front panel. If not, you may have selected the wrong ShareCenter device.
Yes
No
PREV
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Admin Password

Step 11 - Enter the administrator password. If this is the first time you are doing the installation on this NAS, leave the password blank.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Input The Admin Password
Enter your administrator account password in order to login to your NAS.
For the first install, the password should be blank, but also the username should be "admin".
Username:
admin
Password:
PREV
NEXT
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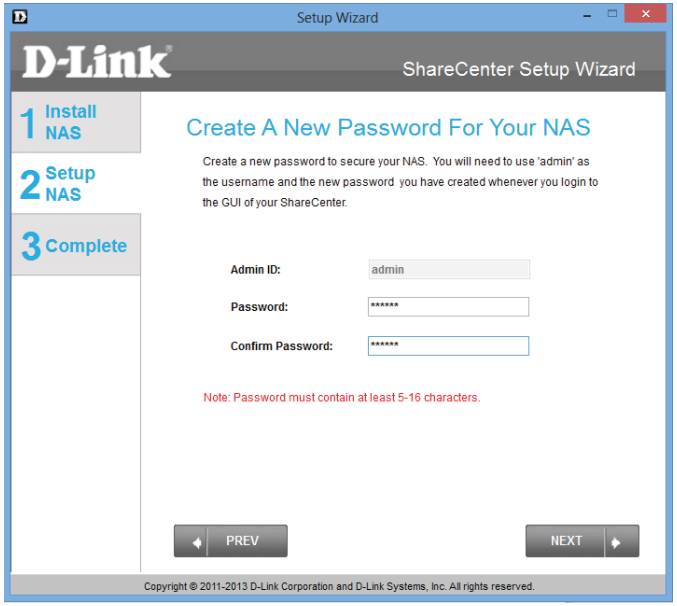
Step 12 - In this step you can create a new password for the **Admin** username. It is recommended you set a password, however you may also leave the fields blank.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Create A New Password For Your NAS
Create a new password to secure your NAS. You will need to use 'admin' as the username and the new password you have created whenever you login to the GUI of your ShareCenter.
Admin ID:
admin
Password:
Confirm Password:
Note: Password must contain at least 5-16 characters.
PREV
NEXT
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Networking Setup

Step 13 - You may either use Static IP or DHCP to configure the IP network settings of the ShareCenter™. If you select Static IP, then enter the IP parameters as listed.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configure Device LAN
If you want to set an IP address for your ShareCenter please select "Static IP" and enter the required information. Otherwise click NEXT.
DHCP Client
Static IP
IP Address: 192.168.0.102
Subnet Mask: 255.255.255.0
Gateway: 192.168.0.1
Obtain DNS server address automatically
Use the following DNS server address
DNS1: 192.168.0.1
DNS2:
PREV
NEXT
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You may also use DHCP to configure the IP network settings of the ShareCenter™. In this situation, leave the parameters blank as your router should automatically configure them.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configure Device LAN
If you want to set an IP address for your ShareCenter please select "Static IP" and enter the required information. Otherwise click NEXT.
DHCP Client
Static IP
IP Address: 192.168.0.102
Subnet Mask: 255.255.255.0
Gateway: 192.168.0.1
Obtain DNS server address automatically
Use the following DNS server address
DNS1: 192.168.0.1
DNS2:
PREV
NEXT
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Step 14 - Configure the **Device Information**. Type the workgroup name, a name and a description for the device. This **workgroup** works best when it uses the same name as your current **workgroup** settings. If you haven't setup a **workgroup** yet, type a name that best suits the environment or leave the default "**workgroup**" name.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configure Device Information
If you have a workgroup other than your Operating System's default, or if you want to customize the device name and description of your ShareCenter, please enter the information below. Otherwise click NEXT.
Workgroup: workgroup
Name: dlink-293333
Description: DNS-327L
PREV
NEXT
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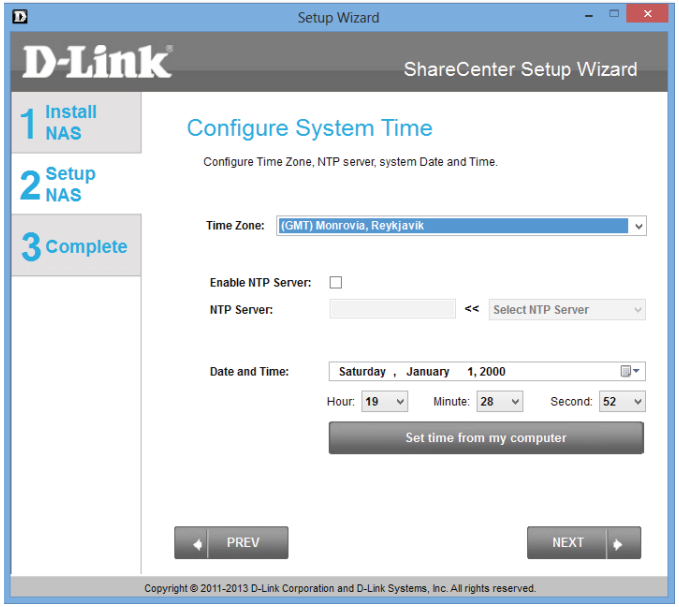
Step 15 - Configure the **System Time**. Select a **Time Zone** from the drop-down list. Click Enable **NTP Server** and select NTP Server from the drop-down list if your network is conected to the internet. Set the **Date & Time** settings using the calendar drop-down menu. Configure the time settings by manually configuring the **Hour**, **Minute**, and **Second** settings or just click the "**Set time from my computer**" button.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configure System Time
Configure Time Zone, NTP server, system Date and Time.
Time Zone: (GMT) Monrovia, Reykjavik
Enable NTP Server:
NTP Server: << Select NTP Server
Date and Time: Saturday , January 1, 2000
Hour: 19 Minute: 28 Second: 52
Set time from my computer
PREV
NEXT
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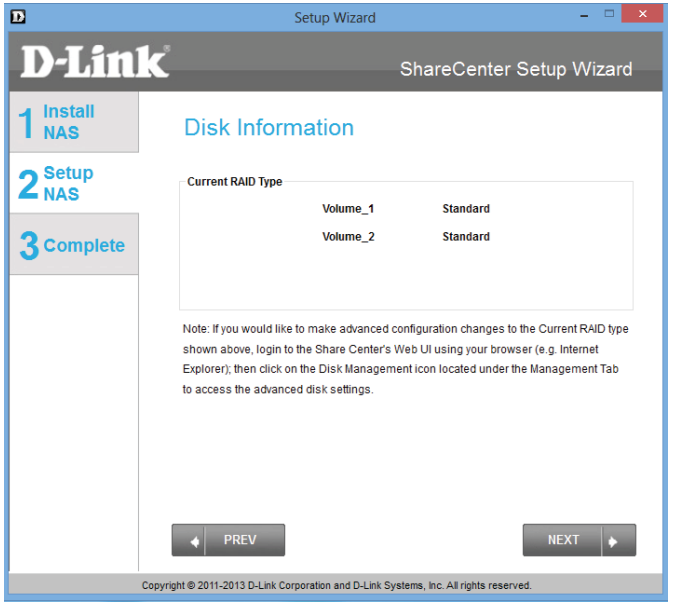
Step 16 - The **Disk Information** window provides the current RAID Type. However, if this isn't already configured, read the instructions under the **Note**.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Disk Information
Current RAID Type
Volume_1 Standard
Volume_2 Standard
Note: If you would like to make advanced configuration changes to the Current RAID type shown above, login to the Share Center's Web UI using your browser (e.g. Internet Explorer); then click on the Disk Management icon located under the Management Tab to access the advanced disk settings.
PREV
NEXT
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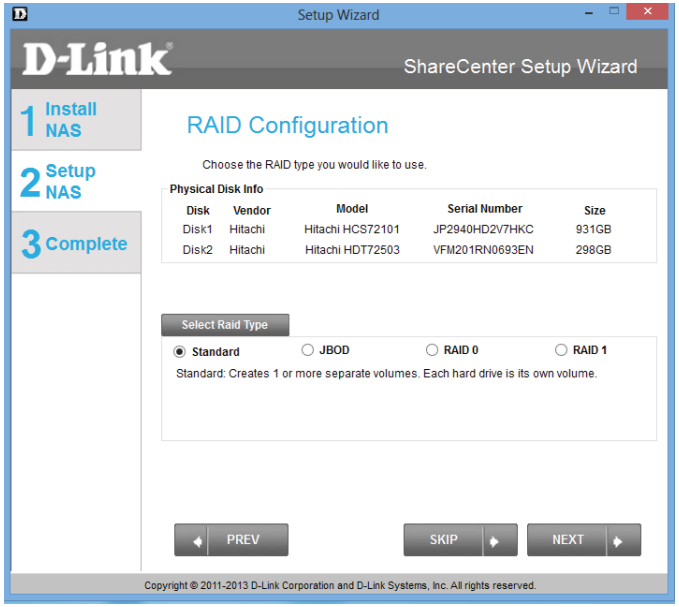
Step 17 - The **RAID Configuration** window provides more detailed **Physical Disk** information. Here you can analyse your **Disk**, **Vendor, Model** number, **Serial** number, and **Disk** size. Under **Select RAID Type**, there are four options to choose from. **Standard, JBOD, RAID 0, and RAID 1**. Selecting each one provides a brief description of which each **RAID** format offers. See illustrations below and check the **Knowledge Base** at the back of this manual for more RAID descriptions. Skip this step if you have setup this system before.

By default **Standard** is selected.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
Standard: Creates 1 or more separate volumes. Each hard drive is its own volume.
PREV
SKIP
NEXT
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Step 17 - Select **JBOD** to see your configuration options.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
JBOD: Combines 2 or more hard drives in a linear fashion which will create one large volume geared towards maximum available space.
PREV
SKIP
NEXT
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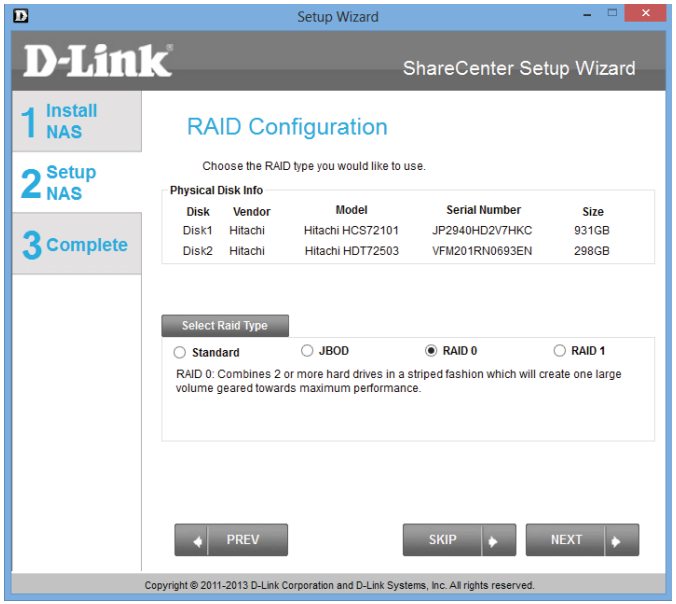
Step 17 - Select **RAID 0** to see your configuration options.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
RAID 0: Combines 2 or more hard drives in a striped fashion which will create one large volume geared towards maximum performance.
PREV
SKIP
NEXT
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Step 17 - Select **RAID 1** to see your configuration options. When you select **RAID 1**, the **Auto-Rebuild** Settings tab appears. The **Auto-Rebuid Settings** tab allows you to **enable** or **disable Auto-Rebuild** the **RAID**. This is necessary should the **RAID** fail.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Auto-Rebuild Setting
Standard
JBOD
RAID 0
RAID 1
RAID 1: (Recommended) Mirrors the hard drives for redundancy. If one hard drive fails, the other still has all of the data. It will re-mirror, restoring maximum data protection.
PREV
SKIP
NEXT
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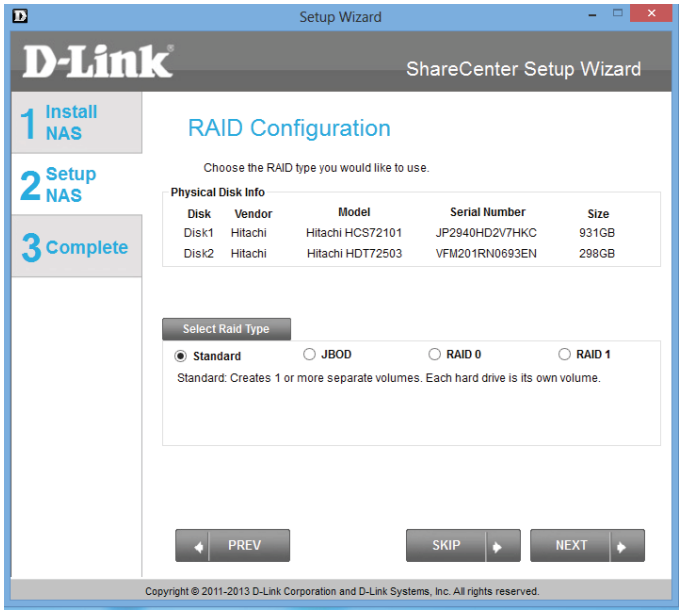
Note - In **Step 18** we resume the settings wizard using the **Standard RAID** configuration. Please see images further down for other configurations.

Note - Once you have configured the RAID of your choice, skip ahead to **Step 41**. Otherwise scroll through this manual to view other **RAID** installation options.

RAID OPTIONS


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
Standard: Creates 1 or more separate volumes. Each hard drive is its own volume.
PREV SKIP NEXT
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Standard - Step 18

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
JBOD: Combines 2 or more hard drives in a linear fashion which will create one large volume geared towards maximum available space.
PREV SKIP NEXT
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JBOD - Step 23

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
RAID 0: Combines 2 or more hard drives in a striped fashion which will create one large volume geared towards maximum performance.
PREV SKIP NEXT
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RAID 0 - Step 29

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Auto-Rebuild Setting
Standard JBOD RAID 0 RAID 1
RAID 1: (Recommended) Mirrors the hard drives for redundancy. If one hard drive fails, the other still has all of the data. It will re-mirror, restoring maximum data protection.
PREV SKIP NEXT
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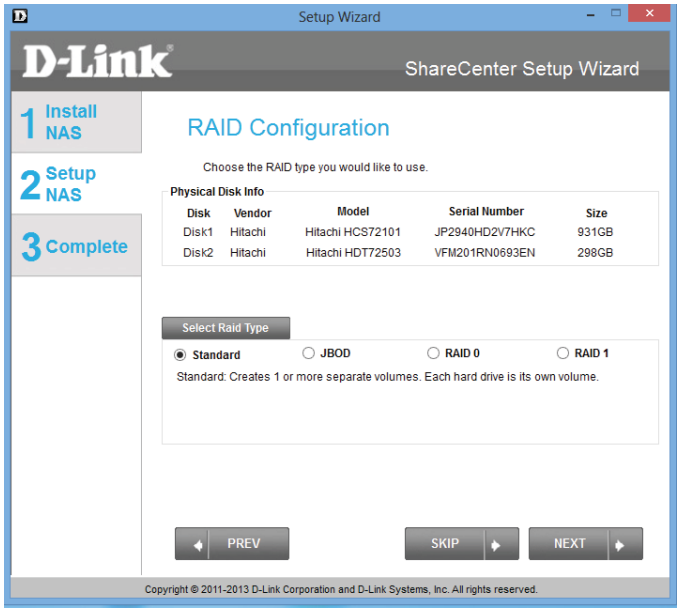
RAID 1 - Step 35

Step 18 - Click **Next** to configure the **Standard RAID** or click **SKIP** to bypass this step.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
Standard: Creates 1 or more separate volumes. Each hard drive is its own volume.
PREV
SKIP
NEXT
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Step 19 - Map Drive to Network. This window makes it possible for you and users on your network to communicate with your NAS directly. The **Map Drive** assigns a letter to each Volume on your NAS. See **Mapping a Drive** further in the manual for more details.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Map Drive To Network
Please choose a drive letter that will correspond to your network storage device.
Available drive 1 letter: Z:
Available drive 2 letter: Y:
PREV
NEXT
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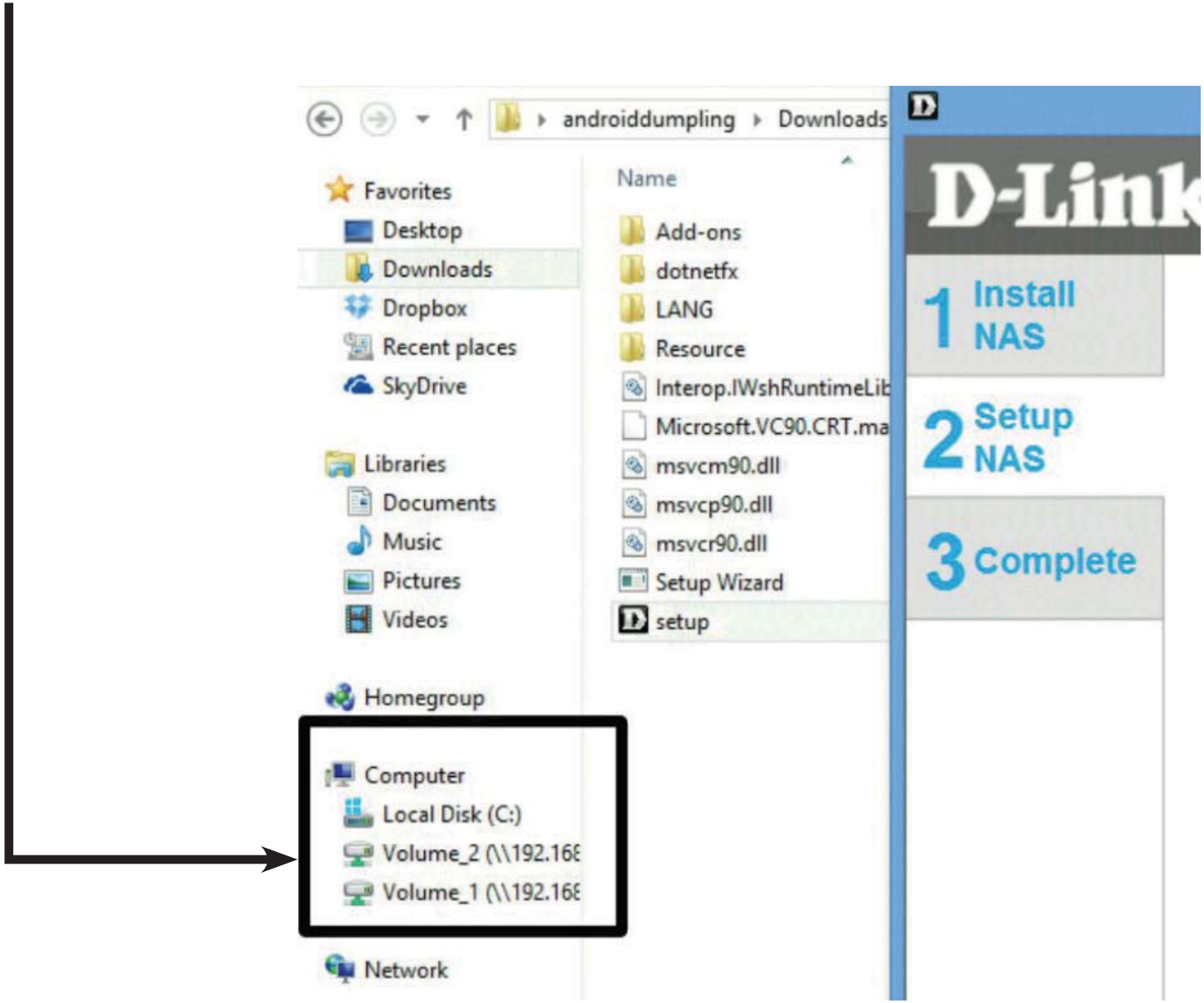
Once you have completed the previous step, the Wizard automatically creates mapping drives to your configured Volumes.

Click **Next** to continue.



Step 20 - Volume Configuration Summary. This window provides a detailed summary of your current configuration. If you are satisfied with your configuration click **Next** or if you want to change your settings click **PREV** to go back and change your settings. Read the details carefully before making your choice.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - Standard
Total Hard Drive Capacity: 928GB
Drive letter: Z
Disk: Disk1
Volume 2 - Standard
Total Hard Drive Capacity: 295GB
Drive letter: Y
Disk: Disk2
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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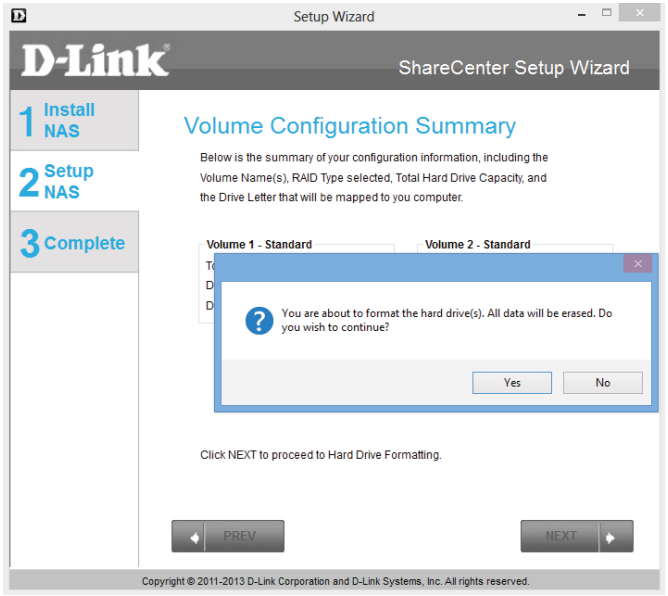
Step 21 - When you click **Next**, you are prompted to verify your decision before you continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - Standard
Volume 2 - Standard
You are about to format the hard drive(s). All data will be erased. Do you wish to continue?
Yes
No
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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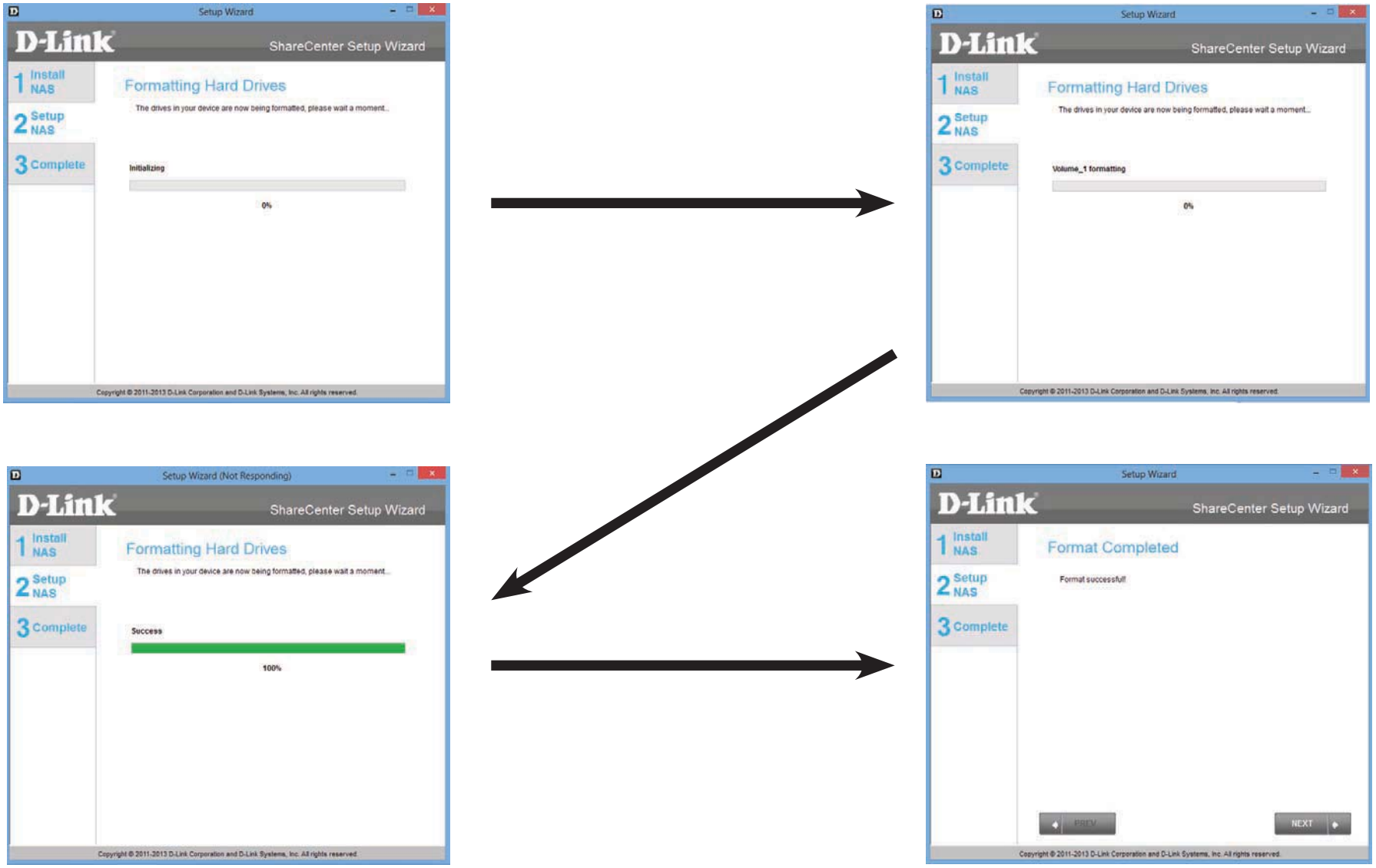
Step 22 - The Wizard software starts the formatting process. **Initializing**, **formatting** and finally **Success**. This completes the **Format** process. Click **Next** to continue.



Step 23 - Under **RAID Configuration**, **Select RAID Type**, choose **JBOD**. Read the **JBOD RAID** configuration requirements.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
JBOD: Combines 2 or more hard drives in a linear fashion which will create one large volume geared towards maximum available space.
PREV
SKIP
NEXT
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Step 24 - Under **JBOD** more than one disk is classified as a complete **Volume** so when mapping a drive, only one drive letter is needed. **Map Drive to Network** only shows one drive.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Map Drive To Network
Please choose a drive letter that will correspond to your network storage device.
Available drive 1 letter: X:
PREV
NEXT
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Step 25 - The **Volume Configuration Summary** displays a detailed summary of **JBOD**.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - JBOD
Total Hard Drive Capacity: 1223GB
Drive letter: X
Disk: Disk1,Disk2
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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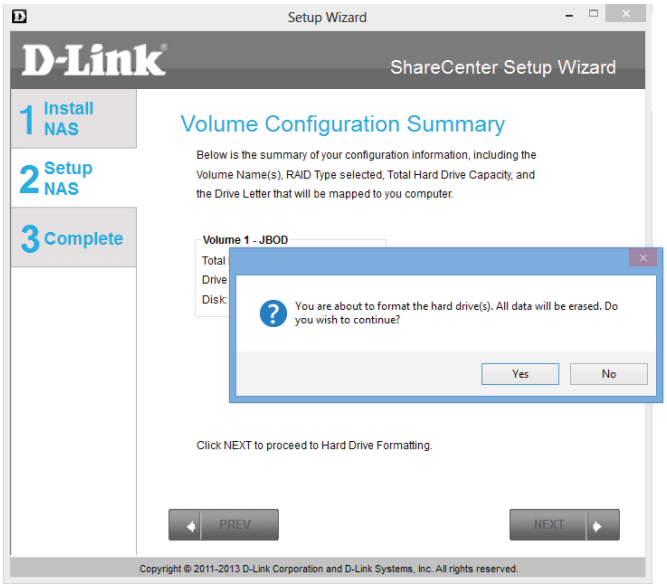
Step 26 - Click **Next**, you are prompted to verify your decision before you continue. Click **Yes** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - JBOD
You are about to format the hard drive(s). All data will be erased. Do you wish to continue?
Yes
No
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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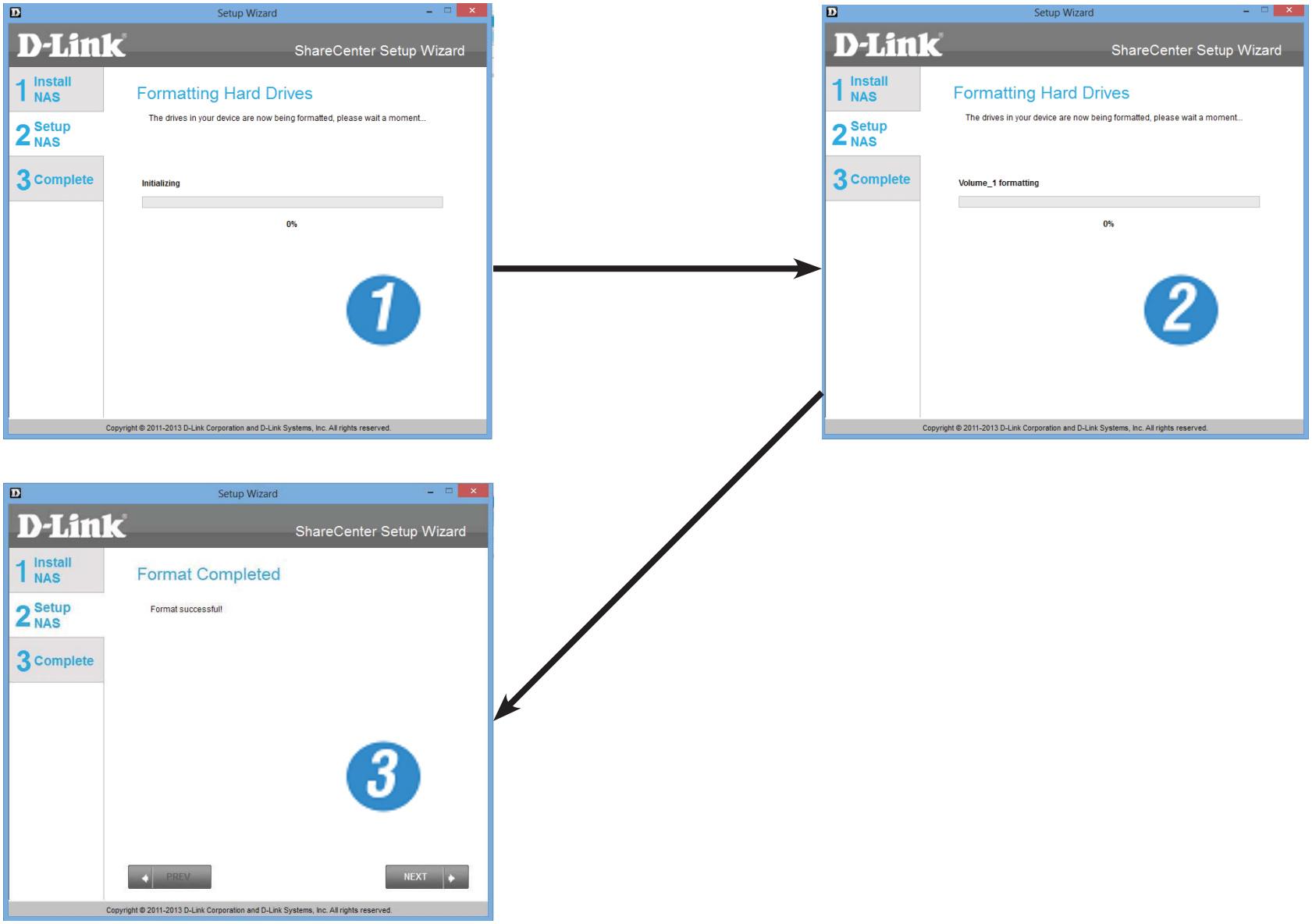
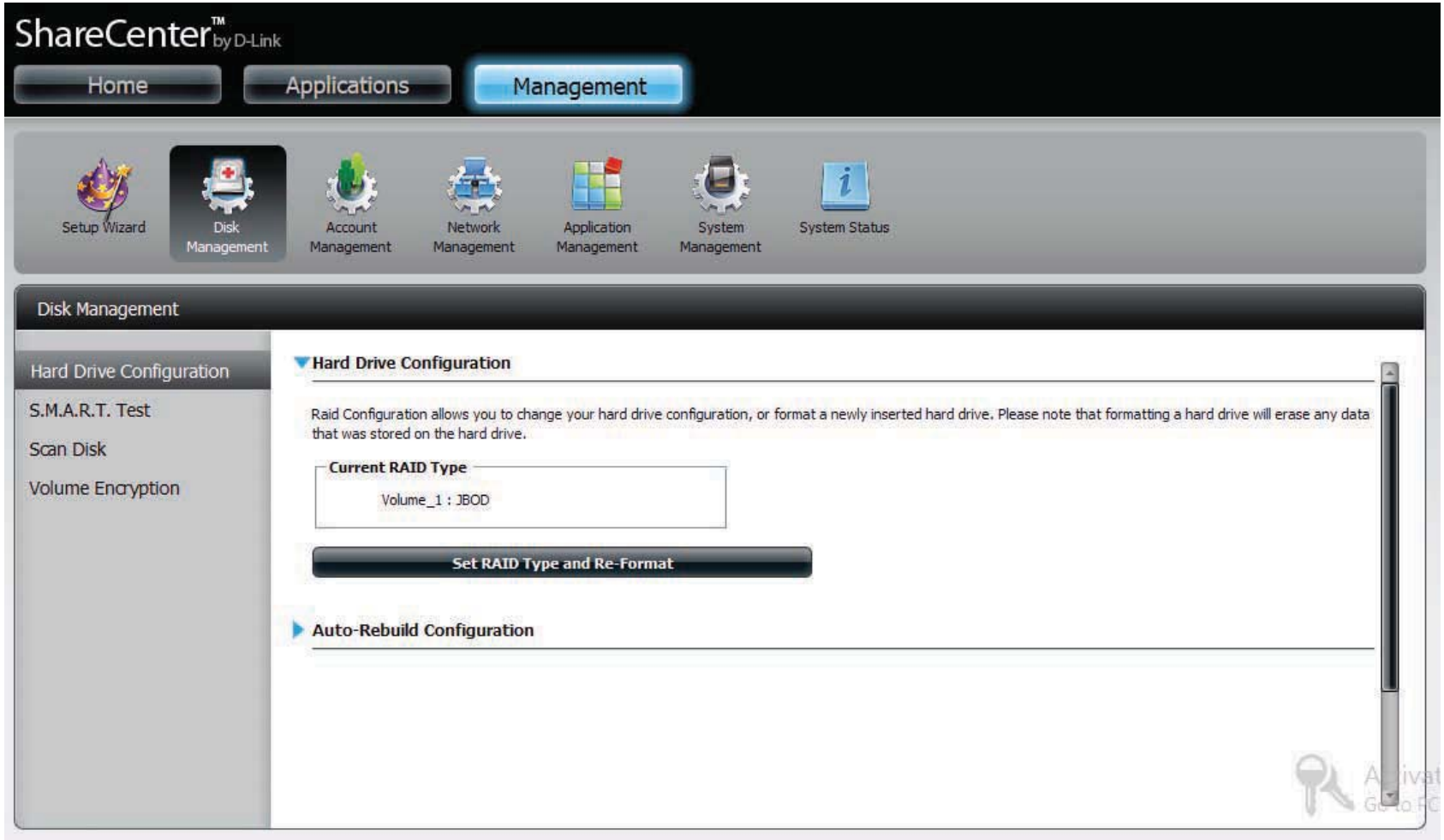
Step 27 - The **JBOD** is **initialized**, **formatted**, and **complete** in 3 easy steps. Do not click any buttons while this process is ongoing.

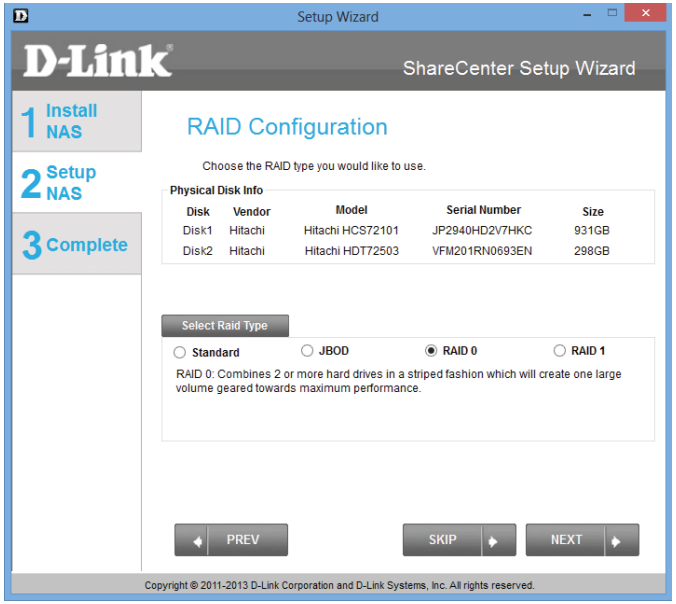


Step 28 - To verify your **JBOD**, login to your NAS, go to **Management**. **Disk Management**, and **Hard Drive Configuration**. This shows the current status of your drives.



Step 29 - Under **RAID Configuration**, **Select RAID Type**, choose **RAID 0**. Read the **RAID 0** configuration requirements.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Standard JBOD RAID 0 RAID 1
RAID 0: Combines 2 or more hard drives in a striped fashion which will create one large volume geared towards maximum performance.
PREV
SKIP
NEXT
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Step 30 - With **RAID 0**, the two drives are striped into one Volume, making it appear that you have one drive.
Map Drive to Network indicates that the NAS has separated the drive into 2 Volumes. To explain, if the size of the two drives are different , the spare drive space will be formatted as a JBOD volume. It is better to have drives of the same sizes.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Map Drive To Network
Please choose a drive letter that will correspond to your network storage device.
Available drive 1 letter: W:
Available drive 2 letter: V:
PREV
NEXT
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Step 31 - The **Volume Configuration Summary**, displays the details of the new configuration.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - Raid 0
Total Hard Drive Capacity: 590GB
Drive letter: W
Disk: Disk1,Disk2
Volume 2 - JBOD
Total Hard Drive Capacity: 633GB
Drive letter: V
Disk: Disk1,Disk2
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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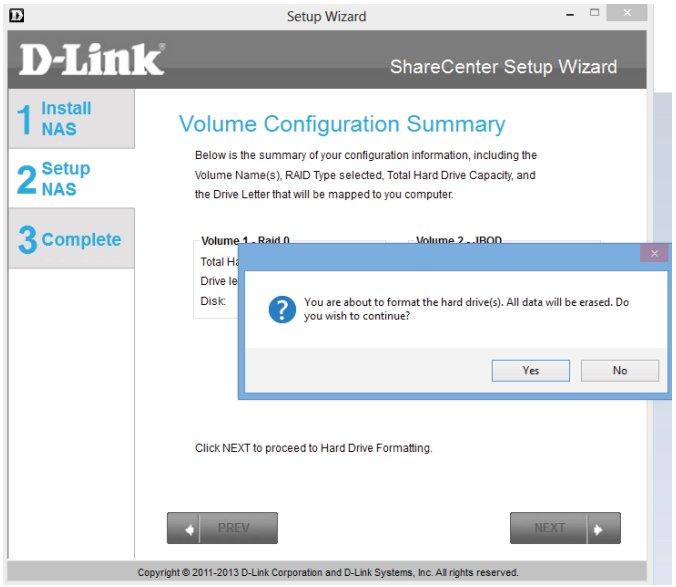
Step 32 - Verify your configuration selection before continuing. Click **Yes** to continue


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
You are about to format the hard drive(s). All data will be erased. Do you wish to continue?
Yes
No
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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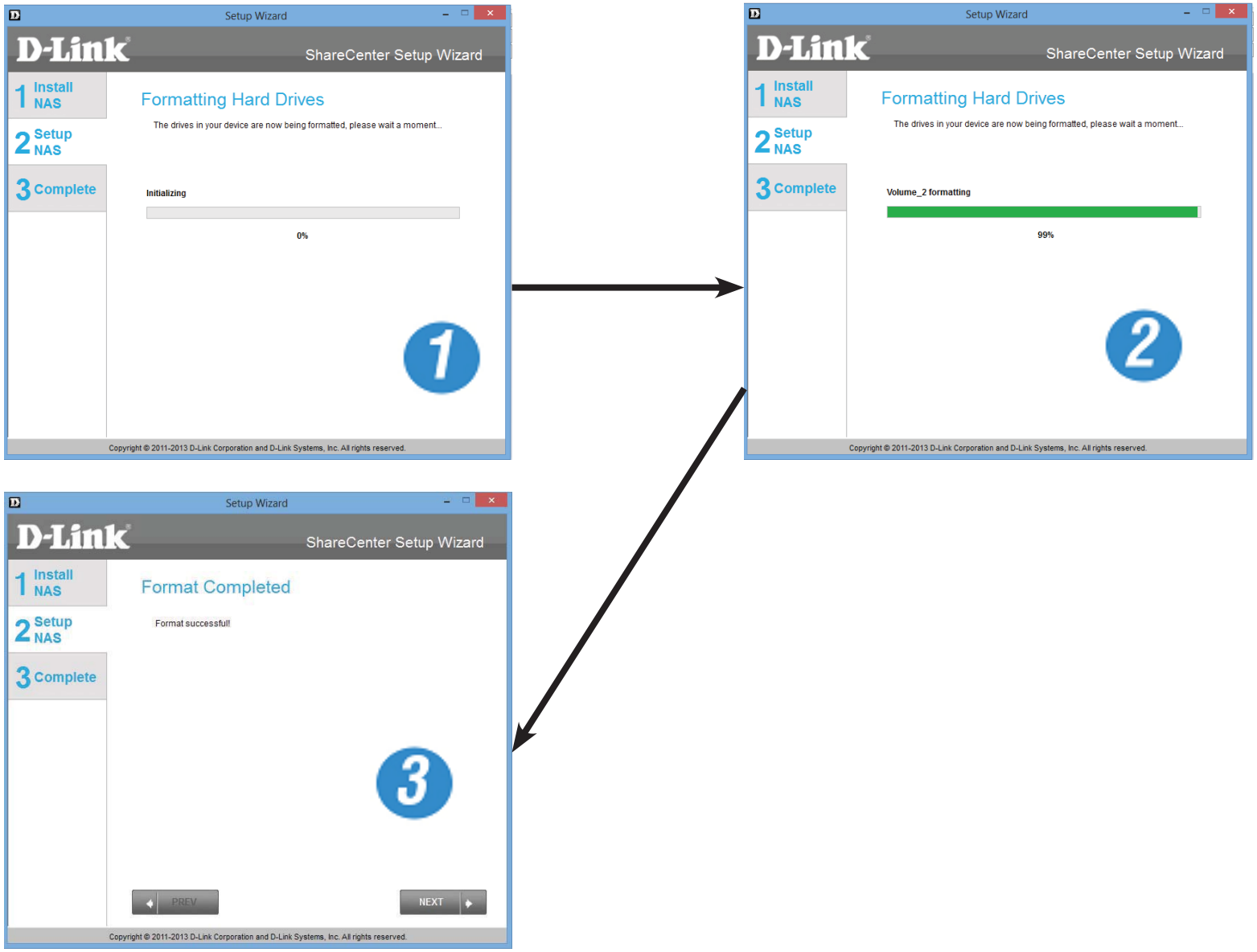
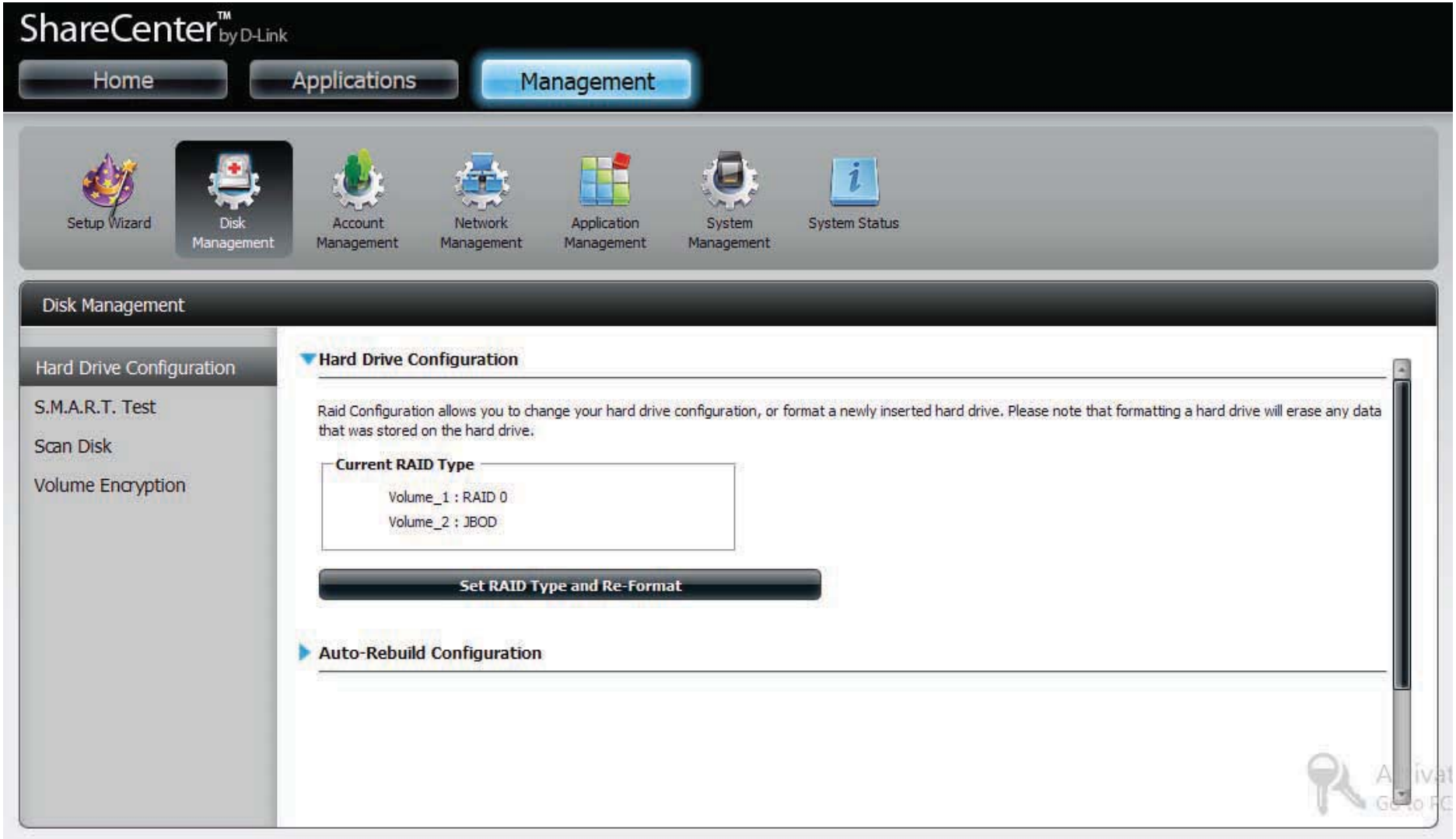
Step 33 - The **RAID 0** is **initialized**, **formatted**, and **complete** in 3 easy steps. Do not click any buttons while this process is ongoing.



Step 34 - To verify your **RAID 0**, login to your NAS, go to **Management**. **Disk Management**, and **Hard Drive Configuration**. This shows the current status of your drives.



Step 35 - Under **RAID Configuration**, **Select RAID Type**, choose **RAID 1**. Read the **RAID 1** configuration requirements.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
RAID Configuration
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS72101 JP2940HD2V7HKC 931GB
Disk2 Hitachi Hitachi HDT72503 VFM201RN0693EN 298GB
Select Raid Type
Auto-Rebuild Setting
Standard
JBOD
RAID 0
RAID 1
RAID 1: (Recommended) Mirrors the hard drives for redundancy. If one hard drive fails, the other still has all of the data. It will re-mirror, restoring maximum data protection.
PREV
SKIP
NEXT
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Step 36 - With RAID 1, the drives are mirrored for redundancy. **Map Drive to Network** indicates that the NAS has separated the drive into a RAID array.

Note: If the size of these two drives are different, the spare drive space will be formatted as **JBOD** Volume.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Map Drive To Network
Please choose a drive letter that will correspond to your network storage device.
Available drive 1 letter: Q:
Available drive 2 letter: P:
PREV
NEXT
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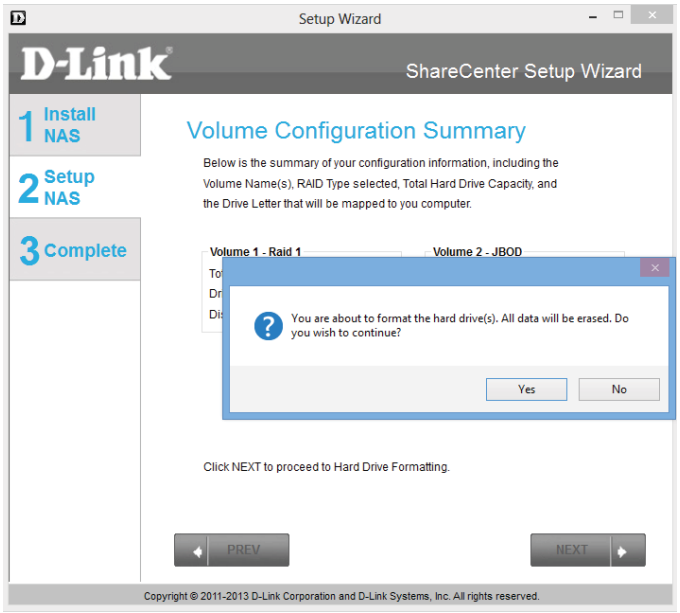
Step 37 - The **Volume Configuration Summary**, displays the details of the new configuration.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - Raid 1
Total Hard Drive Capacity: 295GB
Drive letter: Q
Disk: Disk1,Disk2
Volume 2 - JBOD
Total Hard Drive Capacity: 633GB
Drive letter: P
Disk: Disk1,Disk2
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
Copyright © 2011-2013 D-Link Corporation and D-Link Systems, Inc. All rights reserved.

Step 38 - Verify your configuration selection before continuing. Click **Yes** to continue


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, Total Hard Drive Capacity, and the Drive Letter that will be mapped to you computer.
Volume 1 - Raid 1
Volume 2 - JBOD
You are about to format the hard drive(s). All data will be erased. Do you wish to continue?
Yes
No
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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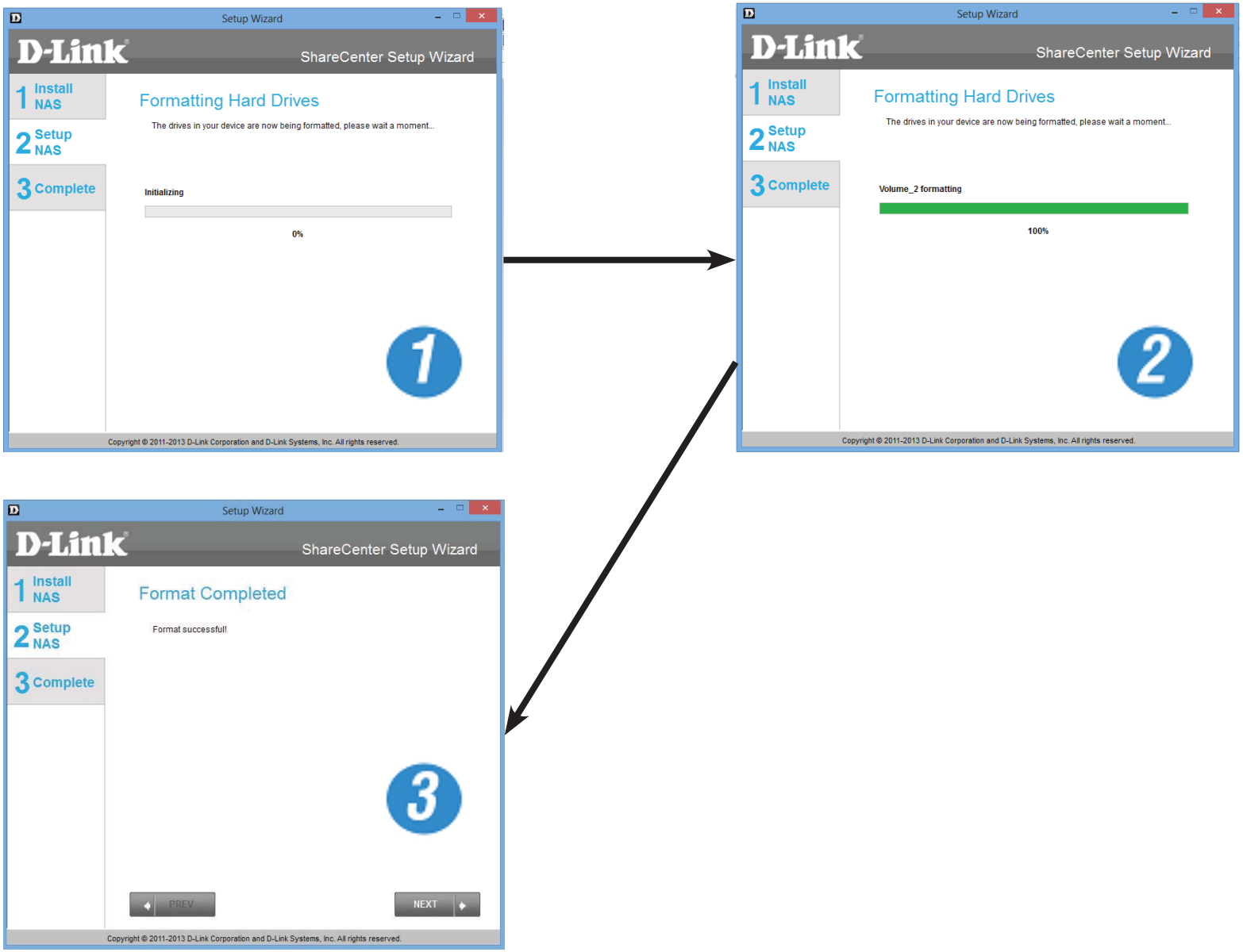
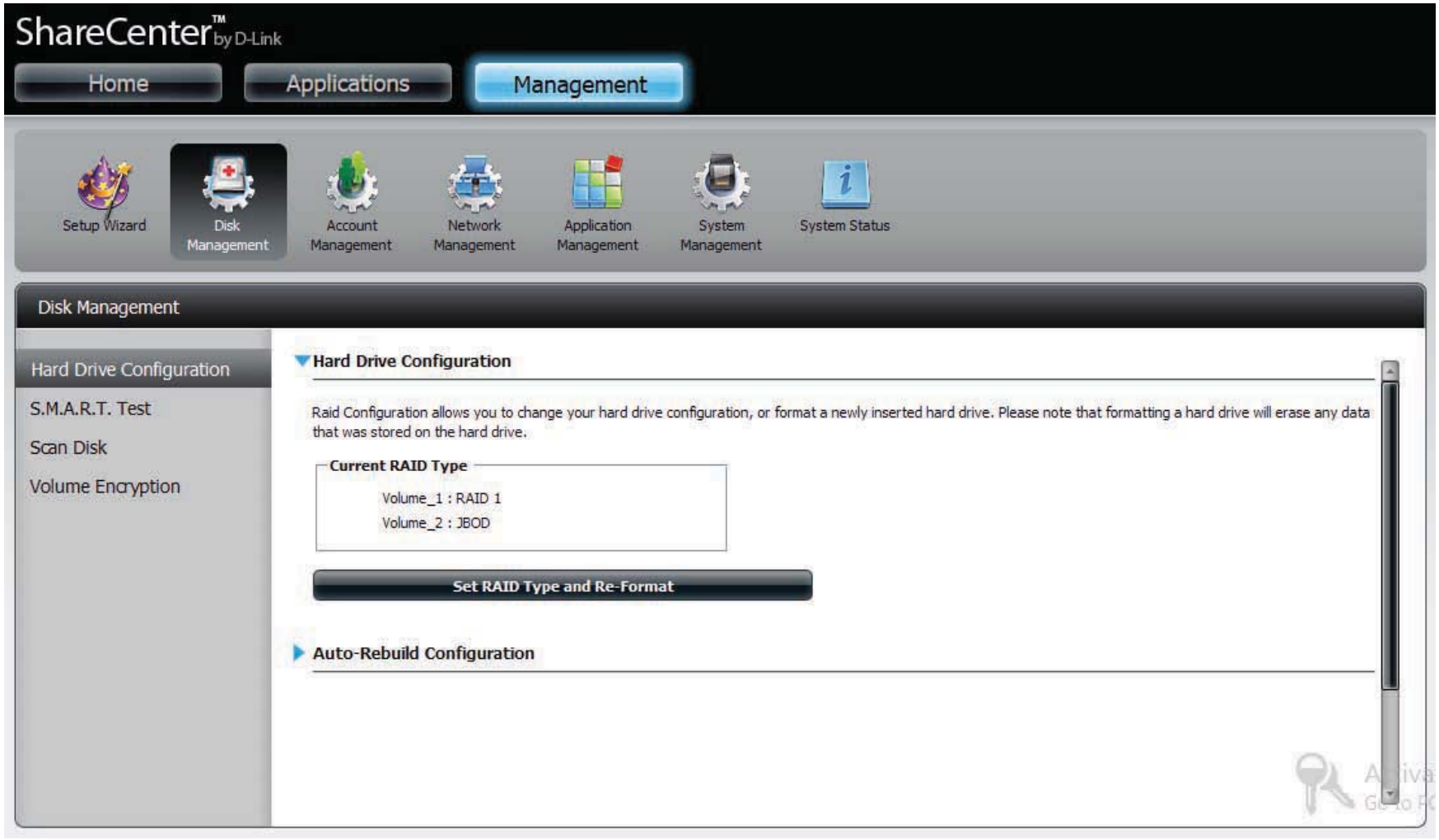
Step 39 - The **RAID 1** is **initialized**, **formatted**, and **complete** in 3 easy steps. Do not click any buttons while this process is ongoing.



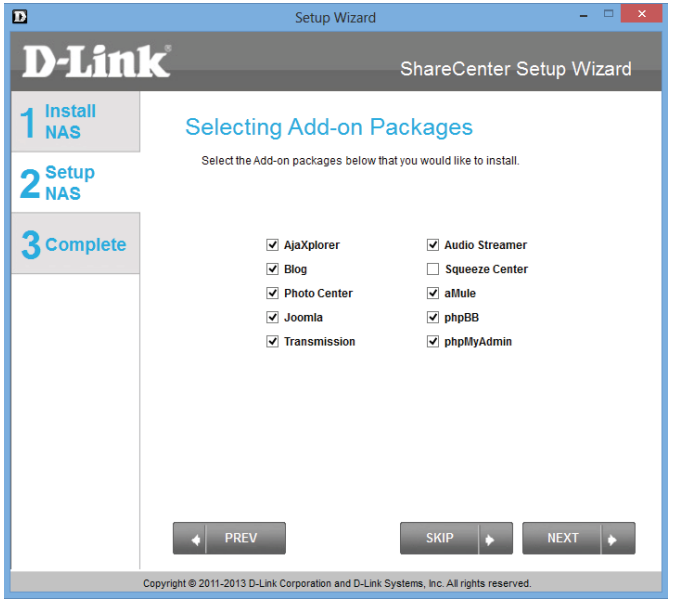
Step 40 - To verify your **RAID 1**, login to your NAS, go to **Management**. **Disk Management**, and **Hard Drive Configuration**. This shows the current status of your drives.



Step 41 - The **DNS-327L** also offers **Add-on Packages. AjaXplorer, Blog, Photo Center, Joomla, Transmission, Audio Streamer, aMule, phpBB, and phpMyAdmin** are offered by default.

Alternatively, you can install the add-on packages available on the CD or from the D-Link website at a later stage. Refer to page 223 for details.

Click **Next** to accept these installations or click **SKIP** to continue. If you wish not to install **Squeeze Center** please continue to **Step 45**



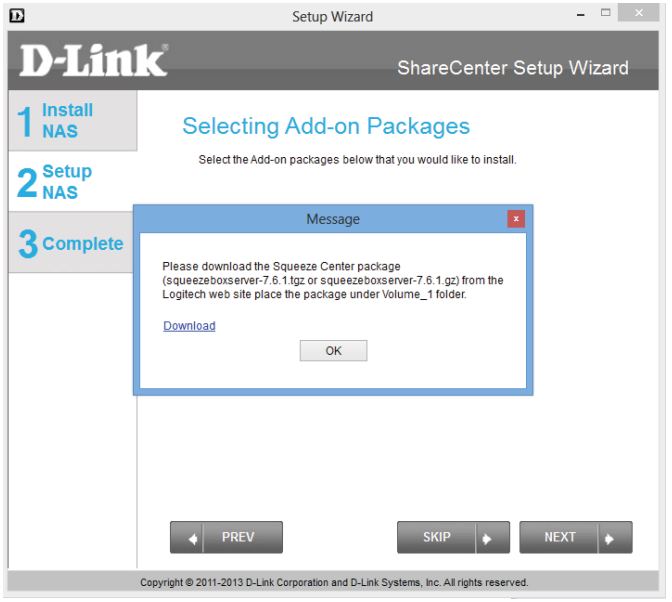
Step 42 - If you wish to install the remaining Add-on Package, click the box next to Squeeze Center. However, if you are not sure what Squeeze Center does or do not wish to install it, skip this process.

Squeeze Center is a Logitech Media Server application. More information can be found at http://en.wikipedia.org/wiki/Logitech_Media_Server.

Click **Next** to accept these installations or click **SKIP** to continue.

Once you have selected it and clicked **Next** a window will appear for you to **download** the application at a different location.

Click **Next** to accept these installations or click **SKIP** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Selecting Add-on Packages
Select the Add-on packages below that you would like to install.
Message
Please download the Squeeze Center package (squeezeboxserver-7.6.1.tgz or squeezeboxserver-7.6.1.gz) from the Logitech web site place the package under Volume_1 folder.
Download
OK
PREV
SKIP
NEXT
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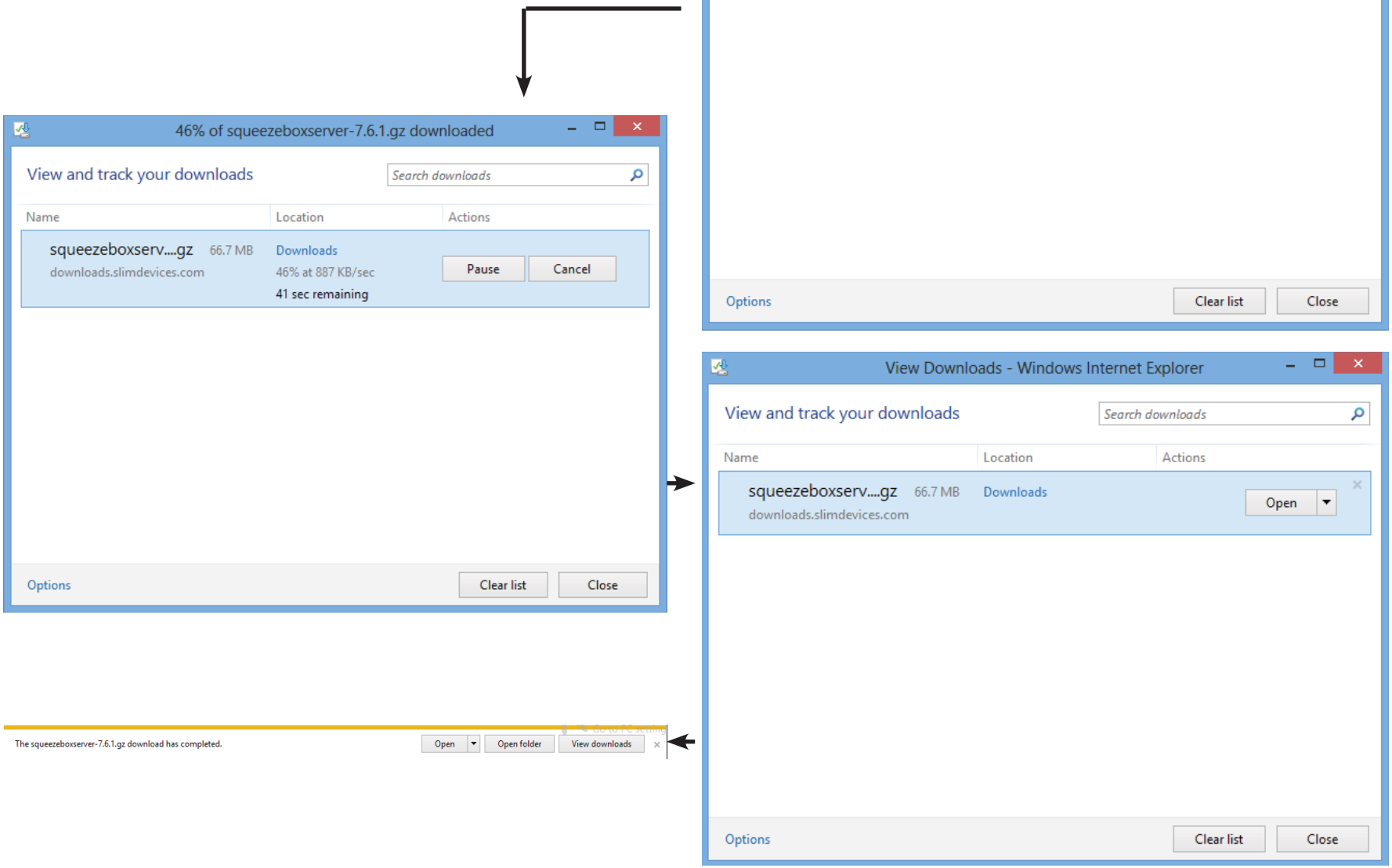
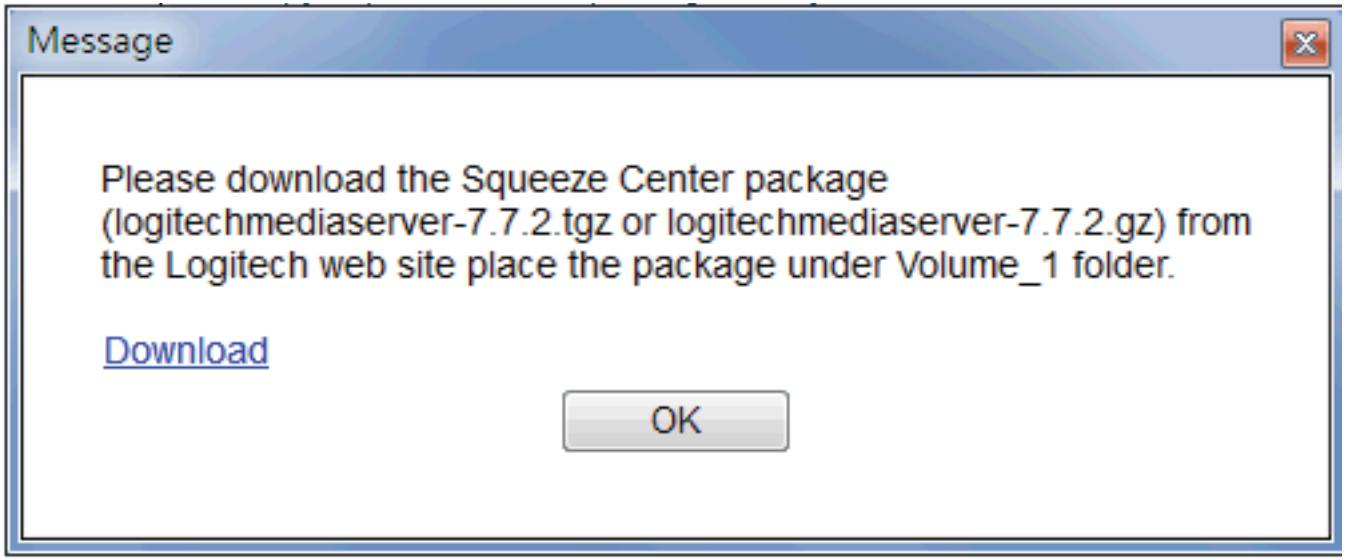
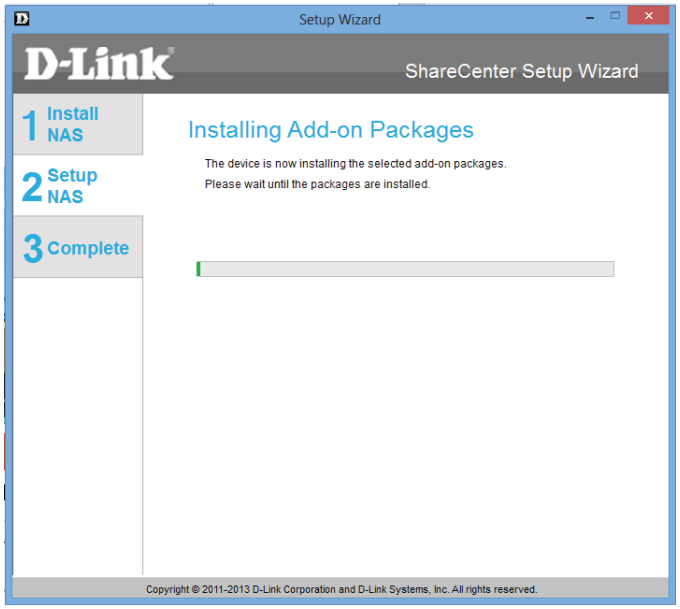
Step 43 - Opting to download the Squeeze Center automatically opens your default browser to download the application. Once Squeeze Center is downloaded, continue with the rest of the installation. Click **Save** to save the file to your local hard drive.



Step 44 - Copy the Squeeze Center package from your local hard drive to Volume_1 of the ShareCenter™ .


Message
Please download the Squeeze Center package (logitechmediaserver-7.7.2.tgz or logitechmediaserver-7.7.2.gz) from the Logitech web site place the package under Volume_1 folder.
Download
OK

Step 45 - Watch the **Add-on Packages** being installed.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Installing Add-on Packages
The device is now installing the selected add-on packages.
Please wait until the packages are installed.
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Step 46 - Once the **Add-on Packages** are installed click **Next**.

Step 47 - The next two screens displays the installed **Add-on Packages**. Click **Next** to continue to the next window.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
AjaXplorer 1.00 Enable
Audio Streamer 1.00 Enable
Blog 1.00 Enable
Photo Center 1.00 Enable
aMule 1.00 Enable
Joomla 1.00 Enable
phpBB 1.00 Enable
1/2
PREV
NEXT
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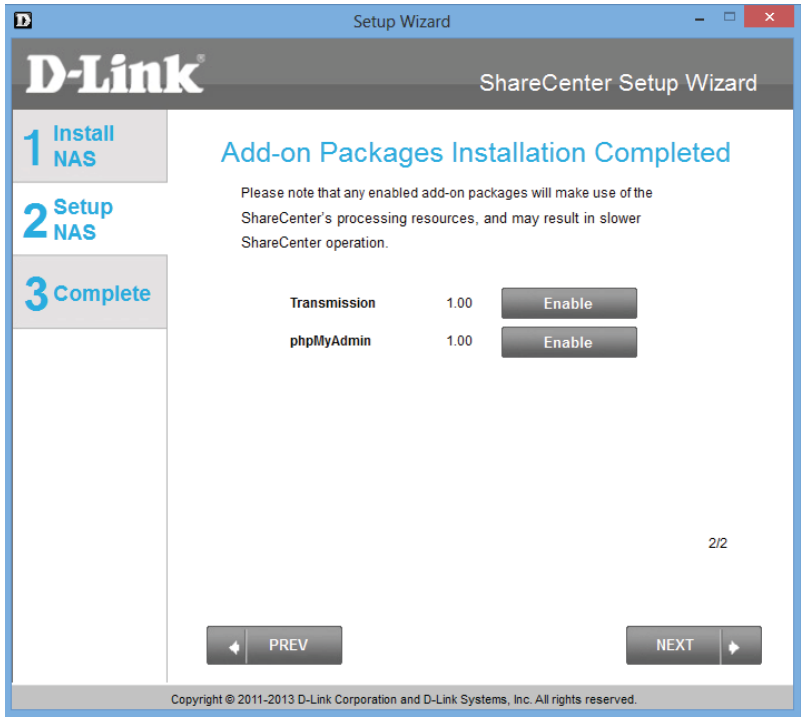
Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
Transmission 1.00 Enable
phpMyAdmin 1.00 Enable
2/2
PREV
NEXT
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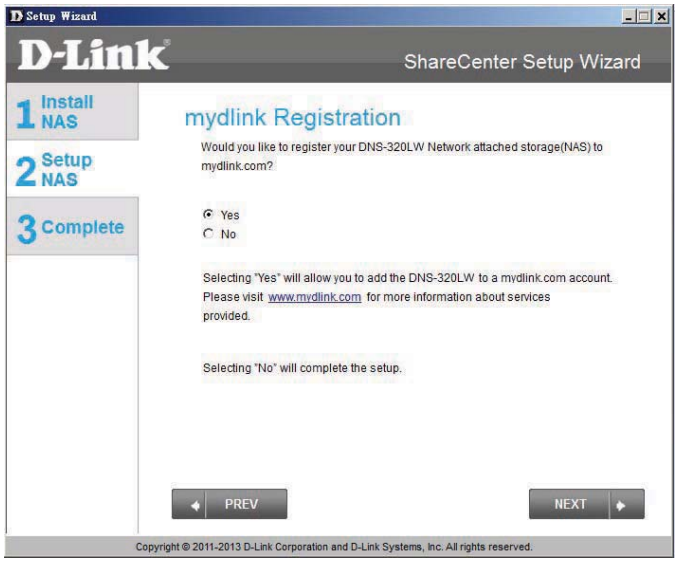
Connecting to the mydlink

Step 48 - D-Link has provided a mydlink service that allows you to remotely access the files from your NAS through the mydlink portal. Read the installation instructions and wait for the process to complete.

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
mydlink Registration
Would you like to register your DNS-320LW Network attached storage(NAS) to mydlink.com?
Yes
No
Selecting "Yes" will allow you to add the DNS-320LW to a mydlink.com account. Please visit www.mydlink.com for more information about services provided.
Selecting "No" will complete the setup.
PREV
NEXT
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Step 49 - The wizard connects you to the mydlink servers and configures your cloud service.

Click **Next** to continue.

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Set up your Internet connection
Please wait while we check your Internet connection...
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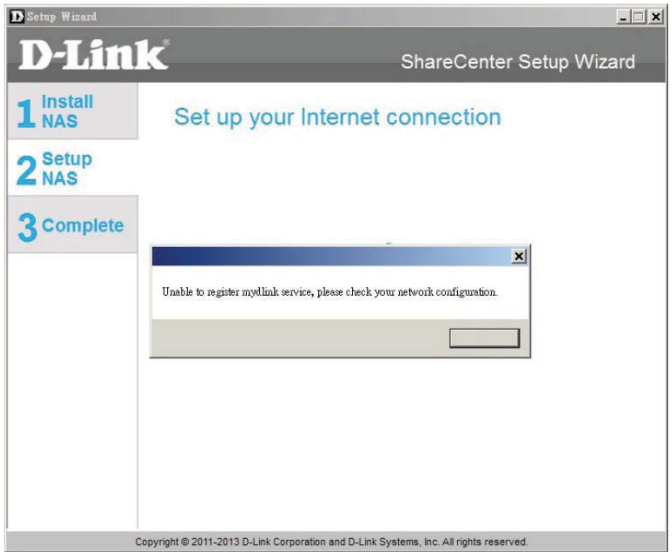
Step 50 - When the wizard fails to connects you to the mydlink servers and configures your cloud service, the following screen appears to warn you of your network configuration.

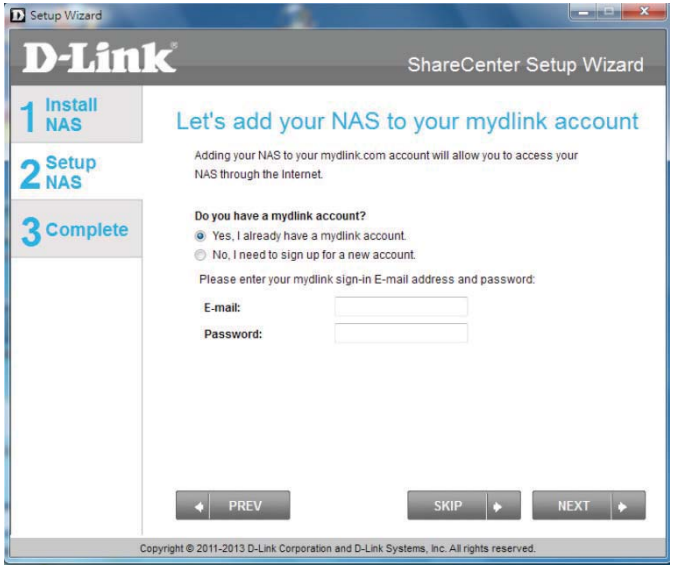
Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Set up your Internet connection
Unable to register mydlink service, please check your network configuration.
Copyright © 2011-2013 D-Link Corporation and D-Link Systems, Inc. All rights reserved.

Step 51 - The next screen allows you to setup the remote mydlink cloud service. Select the Yes radio button if you already have a mydlink account.

Enter your email address and password.

Click **Next** to continue.

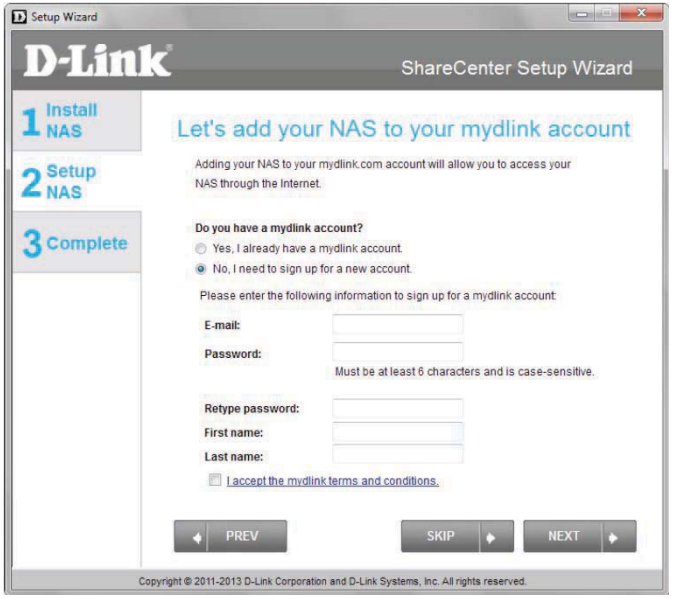

Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Let's add your NAS to your mydlink account
Adding your NAS to your mydlink.com account will allow you to access your NAS through the Internet.
Do you have a mydlink account?
Yes, I already have a mydlink account.
No, I need to sign up for a new account.
Please enter your mydlink sign-in E-mail address and password:
E-mail:
Password:
PREV
SKIP
NEXT
Copyright © 2011-2013 D-Link Corporation and D-Link Systems, Inc. All rights reserved.

Step 52 - Alternatively, you can create a new account if you select "No, I need to sign up for a new account."

Enter your email address and a password that you can remember. Then retype the password, enter a First Name and a Last Name. Then click the checkbox that reads:

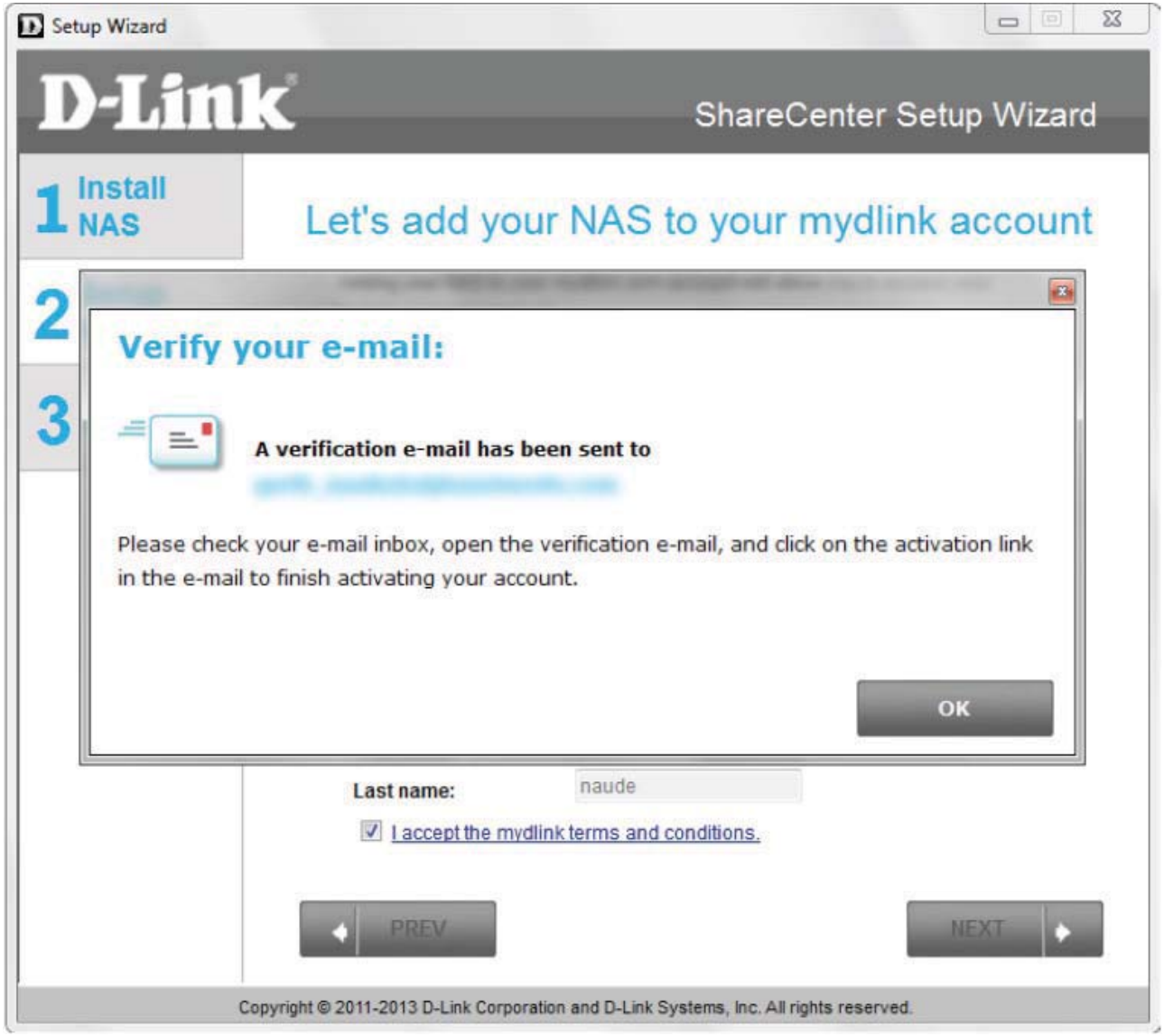
"I accept the mydlink terms and conditions."

Click **Next** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Let's add your NAS to your mydlink account
Adding your NAS to your mydlink.com account will allow you to access your NAS through the Internet.
Do you have a mydlink account?
Yes, I already have a mydlink account.
No, I need to sign up for a new account.
Please enter the following information to sign up for a mydlink account:
E-mail:
Password:
Must be at least 6 characters and is case-sensitive.
Retype password:
First name:
Last name:
I accept the mydlink terms and conditions.
PREV
SKIP
NEXT
Copyright © 2011-2013 D-Link Corporation and D-Link Systems, Inc. All rights reserved.

Step 53 - A message appears asking you to verify your email address and account.

Click **OK** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
Let's add your NAS to your mydlink account
2
3
Verify your e-mail:
A verification e-mail has been sent to
Please check your e-mail inbox, open the verification e-mail, and click on the activation link in the e-mail to finish activating your account.
OK
Last name:
naude
I accept the mydlink terms and conditions.
PREV
NEXT
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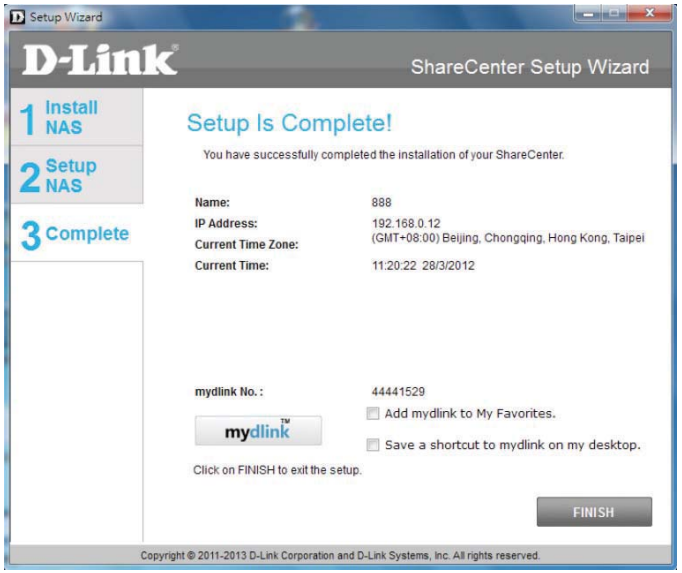
Wizard Complete

Step 54 - The mydlink section of the wizard installation is complete. The wizard provides you with a **mydlink number**. You can also tick the **Add mydlink to My Favorites** checkbox, or **Save a shortcut to mydlink on my computer** checkbox. You can use this mydlink number for future reference.

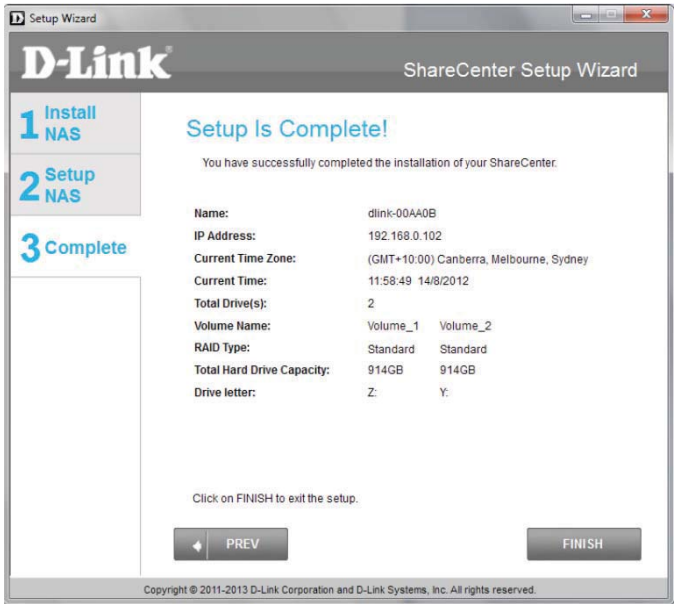
Click **Finish** to continue.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Setup Is Complete!
You have successfully completed the installation of your ShareCenter.
Name: 888
IP Address: 192.168.0.12
Current Time Zone: (GMT+08:00) Beijing, Chongqing, Hong Kong, Taipei
Current Time: 11:20:22 28/3/2012
mydlink No. : 44441529
mydlink
Add mydlink to My Favorites.
Save a shortcut to mydlink on my desktop.
Click on FINISH to exit the setup.
FINISH
Copyright © 2011-2013 D-Link Corporation and D-Link Systems, Inc. All rights reserved.

Step 55 - The ShareCenter™ Setup Wizard is complete. Click **Finish** to exit the wizard and start using your DNS-327L.

Your ShareCenter™ is now installed and ready to use. If your drives are mapped using the wizard, you will be able to access them under your 'My Computer' icon.

If you did not use the wizard to map the drives, you can manually map or access the created volumes through your computers operating system. Detailed configurations using the Web UI is explained in the configuration section of this manual.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Setup Is Complete!
You have successfully completed the installation of your ShareCenter.
Name: dlink-00AA0B
IP Address: 192.168.0.102
Current Time Zone: (GMT+10:00) Canberra, Melbourne, Sydney
Current Time: 11:58:49 14/8/2012
Total Drive(s): 2
Volume Name: Volume_1 Volume_2
RAID Type: Standard Standard
Total Hard Drive Capacity: 914GB 914GB
Drive letter: Z: Y:
Click on FINISH to exit the setup.
PREV
FINISH
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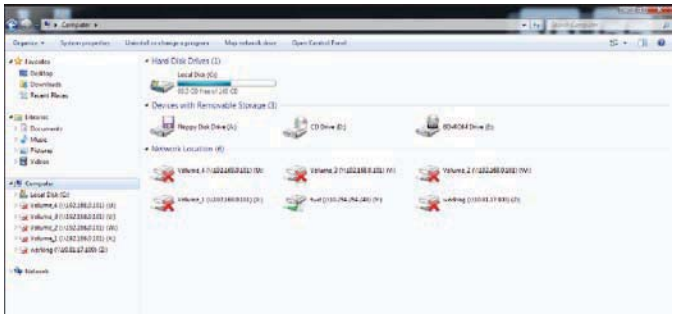
Mapping a Drive

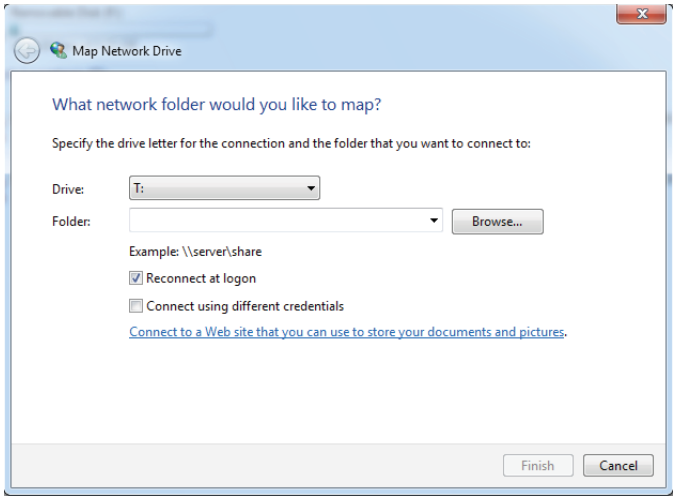
Map a Volume on your DNS-327L using Windows® Explorer in Windows® 7.

Step 1 - Press the Windows key and the letter E on your keyboard at the same time.

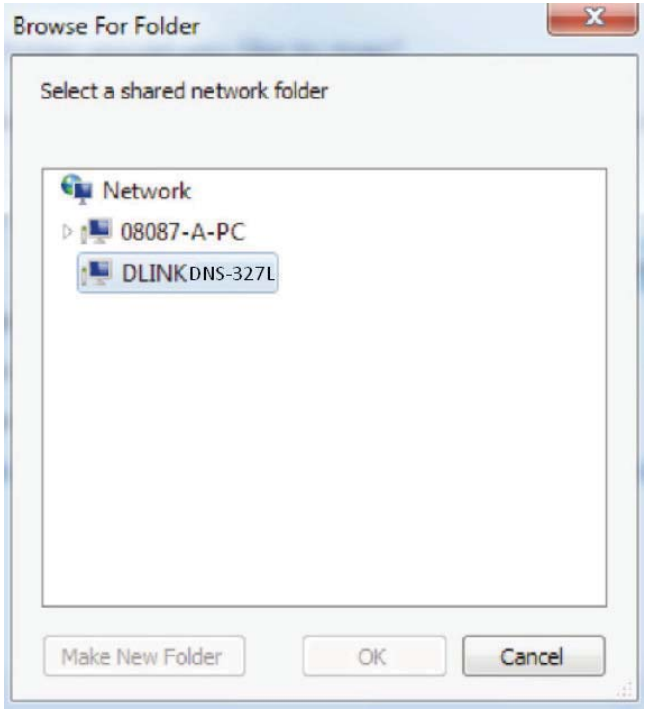


The right-side panel displays a list of your hard drives, removable storage, and network locations. If you do not have any network locations, this may be the first time you set up a network drive.. Begin by clicking on '**Map Network Drive**'

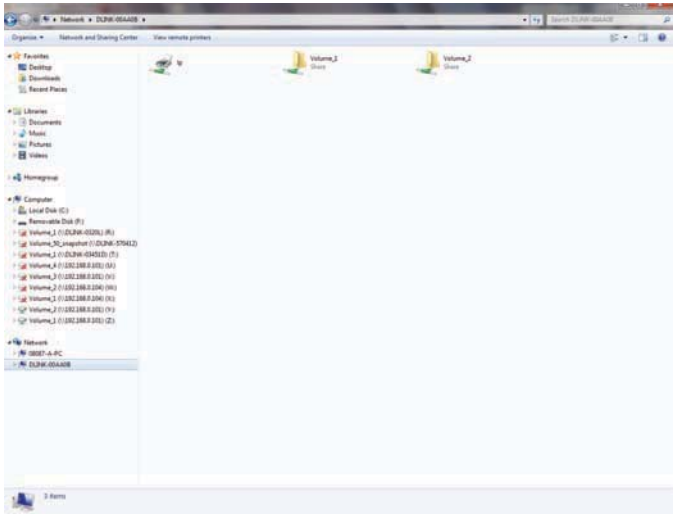
Step 2 - The Map Network Drive screen appears. Choose a Drive letter, click **Browse** to find your network.


Map Network Drive
What network folder would you like to map?
Specify the drive letter for the connection and the folder that you want to connect to:
Drive:
T:
Folder:
Browse...
Example: \\server\share
Reconnect at logon
Connect using different credentials
Connect to a Web site that you can use to store your documents and pictures.
Finish
Cancel

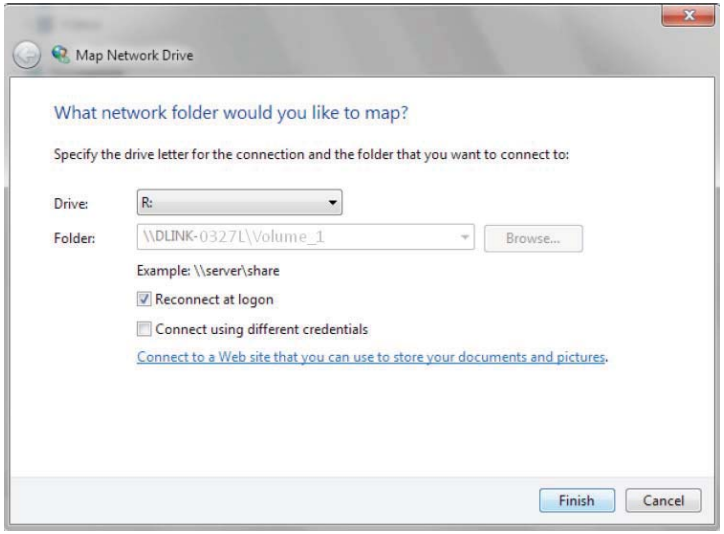
Step 3 - Windows will automatically detect all devices on your network including your ShareCenter™



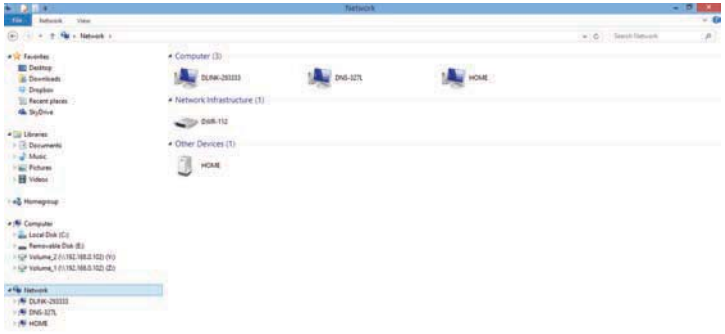
Step 4 - Click on your ShareCenter™ to see the volumes you created earlier. Then select the volume that you wish to access and click **OK**.



Step 5 - After selecting your volume, click **Finish** to proceed.

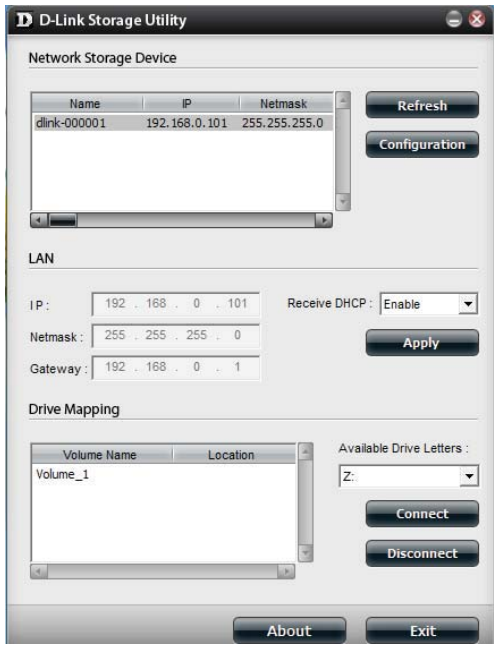

Map Network Drive
What network folder would you like to map?
Specify the drive letter for the connection and the folder that you want to connect to:
Drive:
R:
Folder:
\\DLINK-0327L\Volume_1
Browse...
Example: \\server\share
Reconnect at logon
Connect using different credentials
Connect to a Web site that you can use to store your documents and pictures.
Finish
Cancel

Step 6 - The drive will then appear in your Windows® Explorer under Network. This means the drive is active and ready for use.



Alternative methods to Mapping a Drive

You can also map a drive using the D-Link Storage Utility. Once the DNS-327L is discovered in the Storage Utility, and the LAN configuration settings are complete, finding the drives happens automatically. Select the drive letter and click Connect. To disconnect the drive, click the Disconnect button.

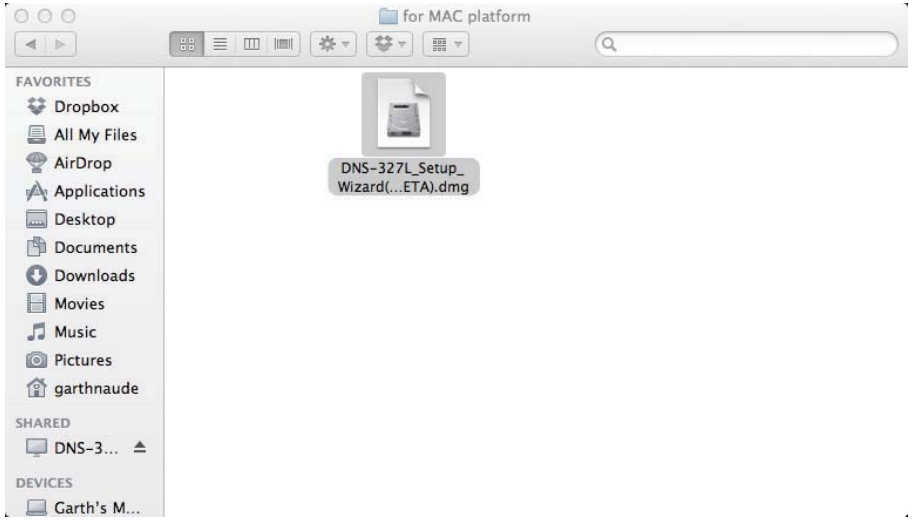


Another method is using the Setup Wizard. As you go through the Setup Wizard process, there is a step in the process to map the drive. See the image here.

Mac - Setup Wizard Installation

To run the Setup Wizard, insert the ShareCenter™ CD into your CD-ROM drive.

Step 1 - When the autorun screen appears, double-click the dmg file.



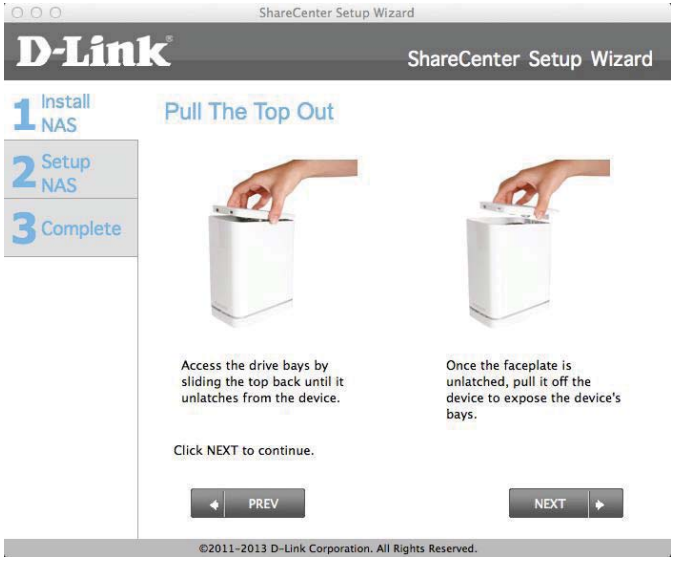
Step 2 - Double-click the SetupWizardDNS icon.

Step 3 - Click Start to begin the wizard.

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
Welcome
Welcome to the D-Link ShareCenter (DNS-327L) Setup Wizard. This wizard will guide you through the setup of your D-Link storage device.
It is recommended that a wired ethernet connection be used when running the setup wizard to prevent unexpected network connection errors.
START
©2011-2013 D-Link Corporation. All Rights Reserved.

Step 4 - Follow the instructions on the screen (Pull the Top out) and click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Pull The Top Out
Access the drive bays by sliding the top back until it unlatches from the device.
Once the faceplate is unlatched, pull it off the device to expose the device's bays.
Click NEXT to continue.
PREV
NEXT
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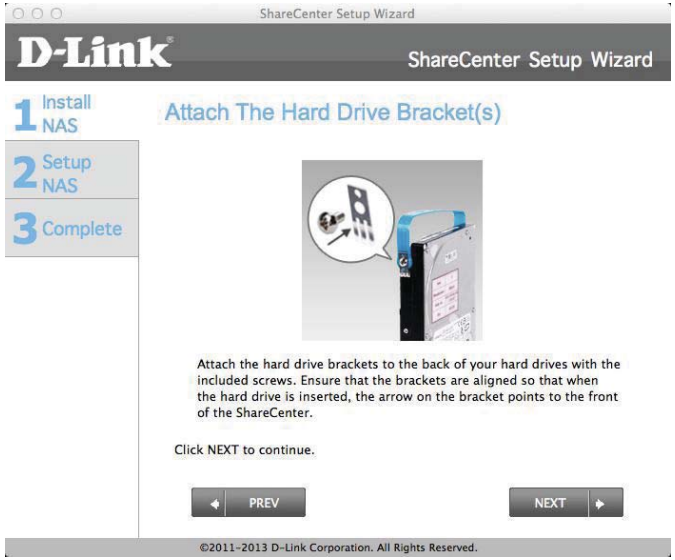
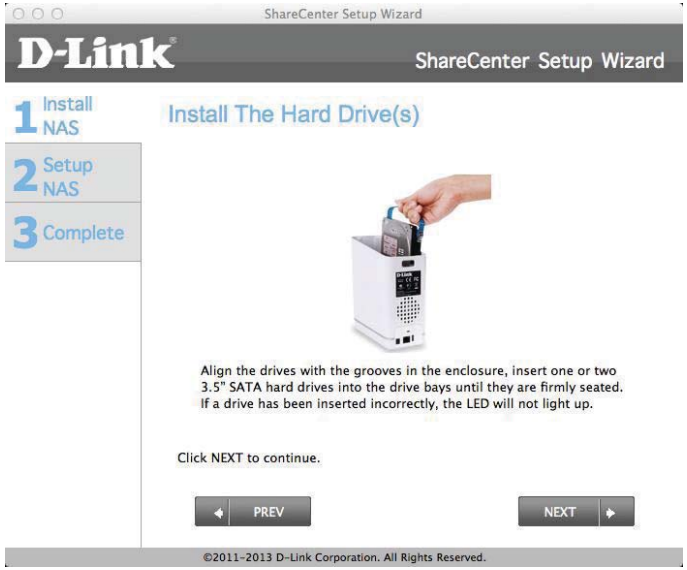
Step 5 - Follow the instructions on the screen (Attach the Hard Drive Bracket(s) and click **Next.**


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Attach The Hard Drive Bracket(s)
Attach the hard drive brackets to the back of your hard drives with the included screws. Ensure that the brackets are aligned so that when the hard drive is inserted, the arrow on the bracket points to the front of the ShareCenter.
Click NEXT to continue.
PREV
NEXT
©2011-2013 D-Link Corporation. All Rights Reserved.

Step 6 - Follow the instructions on the screen (Install the Hard Drive(s) and click **Next**.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Install The Hard Drive(s)
Align the drives with the grooves in the enclosure, insert one or two 3.5" SATA hard drives into the drive bays until they are firmly seated. If a drive has been inserted incorrectly, the LED will not light up.
Click NEXT to continue.
PREV
NEXT
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Step 7 - Follow the instructions on the screen (Attach the Faceplate) and click **Next**.

Step 8 - Follow the instructions on the screen (Connect to your Network) and click **Next**.

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Connect To Your Network
Connect an Ethernet cable to the Ethernet port of your DNS-327L.
This cable should connect your DNS-327L to your local network
via a router or switch, or directly to a computer for configuration.
Click NEXT to continue.
PREV
NEXT
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Step 9 - Follow the instructions on the screen (Power on the NAS) and click **Next**.

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Power On The NAS
Connect the power adapter.
Please switch the device on and ensure the power LED on the front of the unit is lit before clicking the NEXT button.
PREV
NEXT
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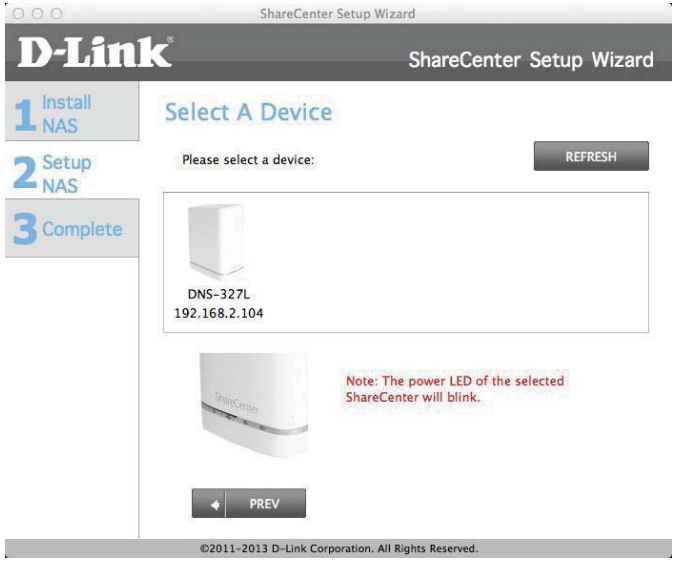
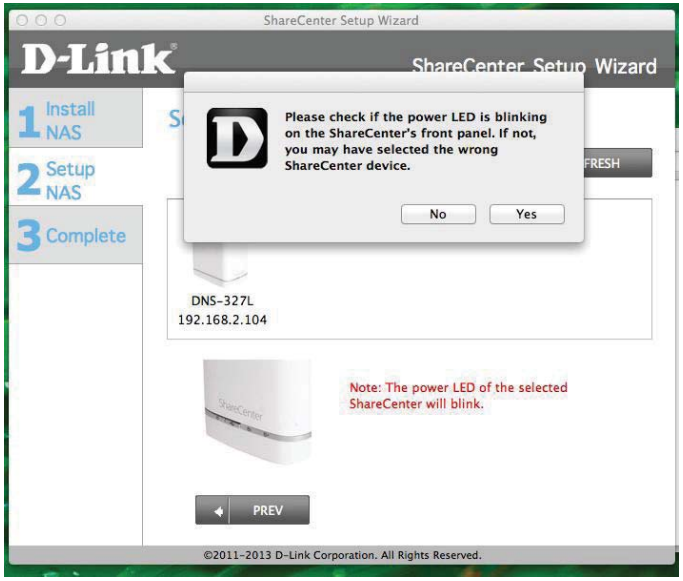
Step 10 - Return to the DNS-327L on your desktop and click the device if you see it onscreen. Alternatively, if you do not see the DNS-327L , check the settings as explained previously.



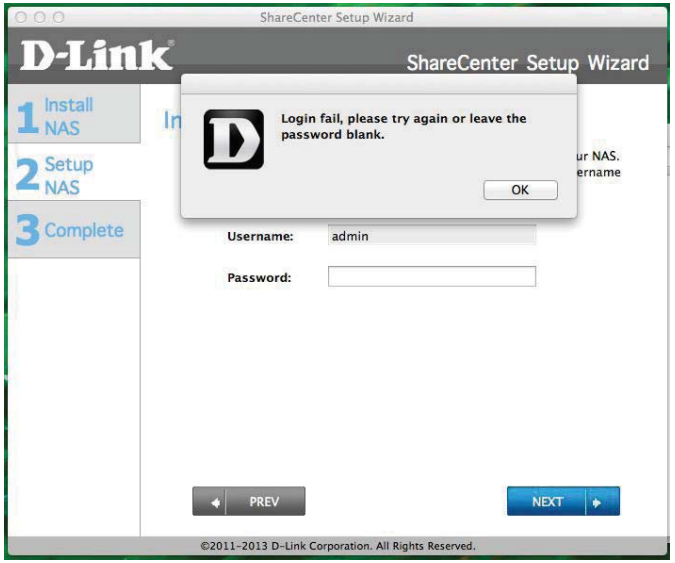
Step 11 - A warning message appears. Read the instructions before proceeding. If all is working, click **Yes**. Otherwise click **No** and check your set up again.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Please check if the power LED is blinking on the ShareCenter's front panel. If not, you may have selected the wrong ShareCenter device.
No
Yes
DNS-327L
192.168.2.104
Note: The power LED of the selected ShareCenter will blink.
PREV
©2011-2013 D-Link Corporation. All Rights Reserved.

Step 12 - Enter an admin Password. If you have setup this system before, use the password you used before. Otherwise leave the password field blank. Click **Next** to continue.

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Input The Admin Password
Enter your administrator account password in order to login to your NAS. For the first install, the password should be blank, but also the username should be "admin".
Username:
admin
Password:
PREV
NEXT
©2011-2013 D-Link Corporation. All Rights Reserved.

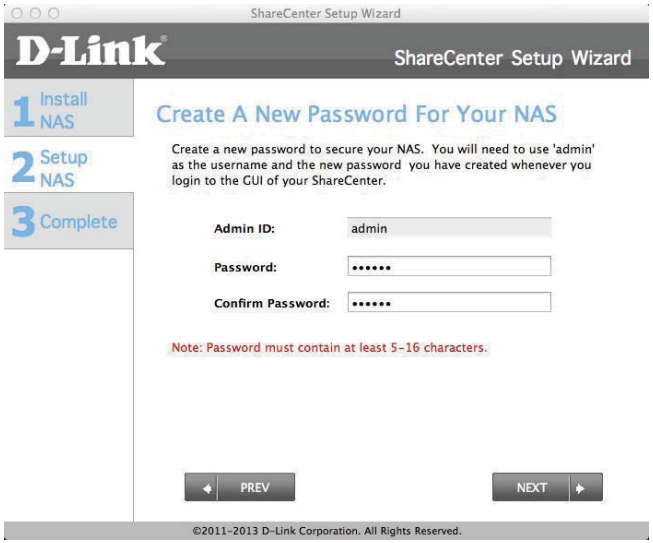
Step 13 - If you have entered a wrong password from a previous installation, a warning message prompts you to relog-in. Click **OK** to continue.



Step 14 - Create a new password and verify that password by filling in the **Confirm Password** field.

Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Create A New Password For Your NAS
Create a new password to secure your NAS. You will need to use 'admin' as the username and the new password you have created whenever you login to the GUI of your ShareCenter.
Admin ID:
admin
Password:
Confirm Password:
Note: Password must contain at least 5-16 characters.
PREV
NEXT
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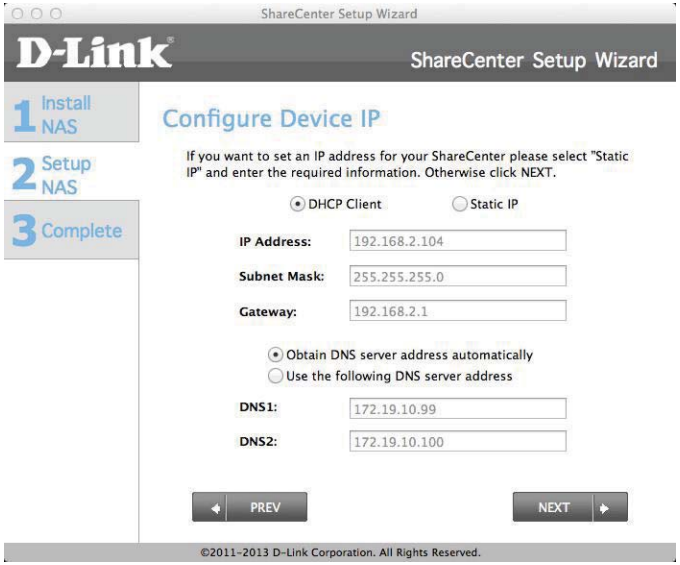
Step 15 - To configure the Device IP, select either DHCP or Static IP. In this window, we select DHCP (the router automatically configures the Device IP) and click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



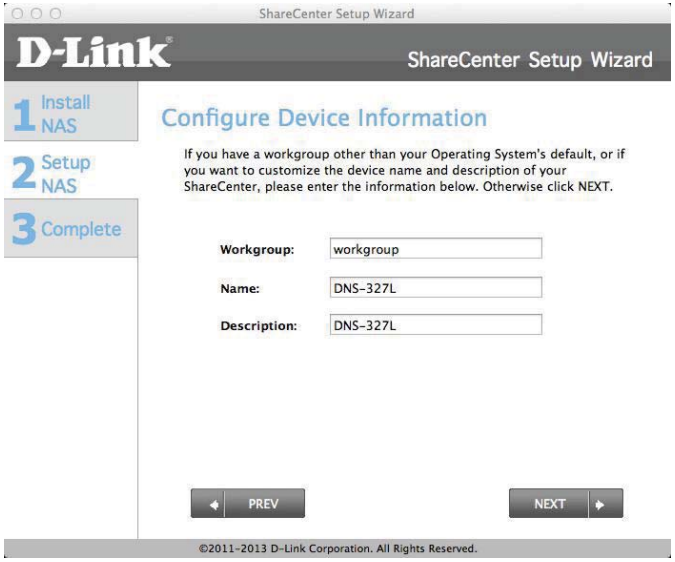
Step 16 - To configure the Device IP, select either DHCP or Static IP. In this window, we select Static IP (you manually configure the Device IP) and click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.

Step 17 - To configure the Device Information, enter the particulars in the fields provided: Workgroup, Name, and Description.

Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configure Device Information
If you have a workgroup other than your Operating System's default, or if you want to customize the device name and description of your ShareCenter, please enter the information below. Otherwise click NEXT.
Workgroup: workgroup
Name: DNS-327L
Description: DNS-327L
PREV
NEXT
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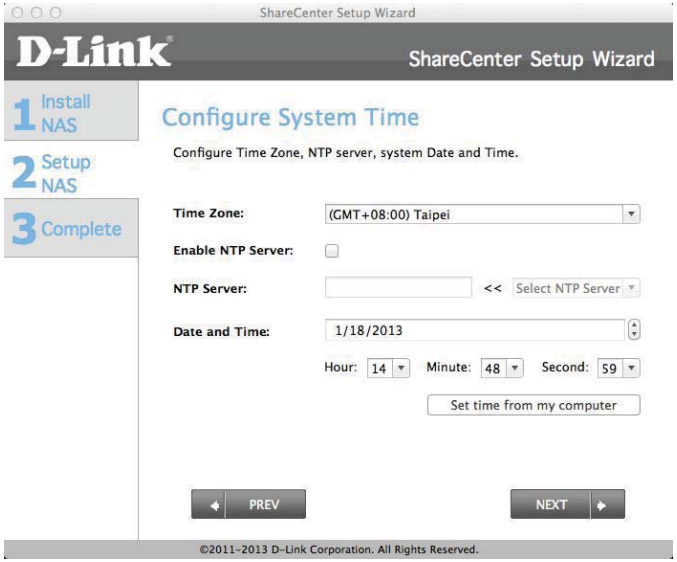
Step 18 - To configure the System Time, select a Time Zone from the drop-down list. Click Enable NTP Server if you are connected to one. Select a NTP server from the drop-down list. Enter a Date and Time manually or click Set time from my computer.

Click **Next**.

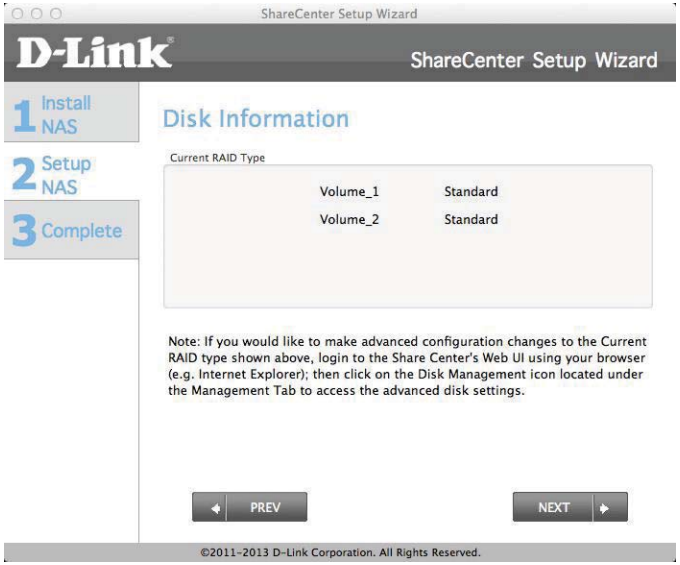
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 19 - The Wizard displays the Disk Information.

Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Disk Information
Current RAID Type
Volume_1 Standard
Volume_2 Standard
Note: If you would like to make advanced configuration changes to the Current RAID type shown above, login to the Share Center's Web UI using your browser (e.g. Internet Explorer); then click on the Disk Management icon located under the Management Tab to access the advanced disk settings.
PREV
NEXT
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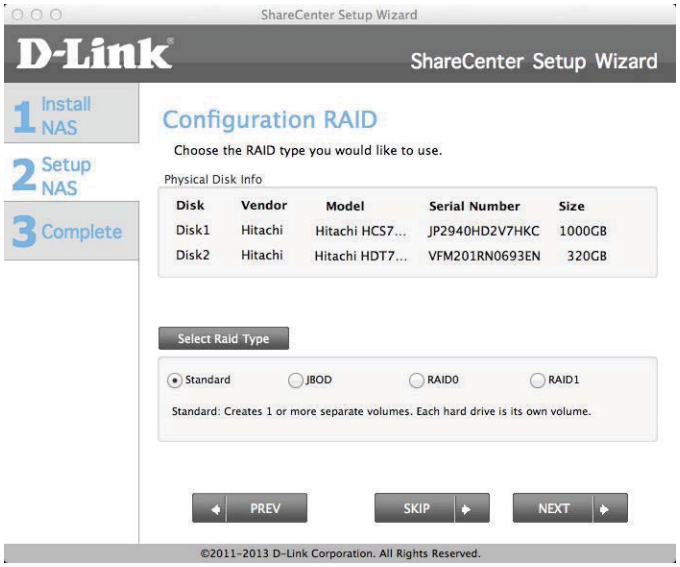
Step 20 - To configure RAID, select one of the RAID Types from the list (Standard, JBOD, RAID 0, and RAID 1). Selecting each one provides a brief description of which each RAID format offers. See illustrations below and check the Knowledge Base at the back of this manual for more RAID descriptions. Skip this step if you have setup this system before

Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Configuration RAID
Choose the RAID type you would like to use.
Physical Disk Info
Disk Vendor Model Serial Number Size
Disk1 Hitachi Hitachi HCS7... JP2940HD2V7HKC 1000GB
Disk2 Hitachi Hitachi HDT7... VFM201RN0693EN 320GB
Select Raid Type
Standard JBOD RAID0 RAID1
Standard: Creates 1 or more separate volumes. Each hard drive is its own volume.
PREV
SKIP
NEXT
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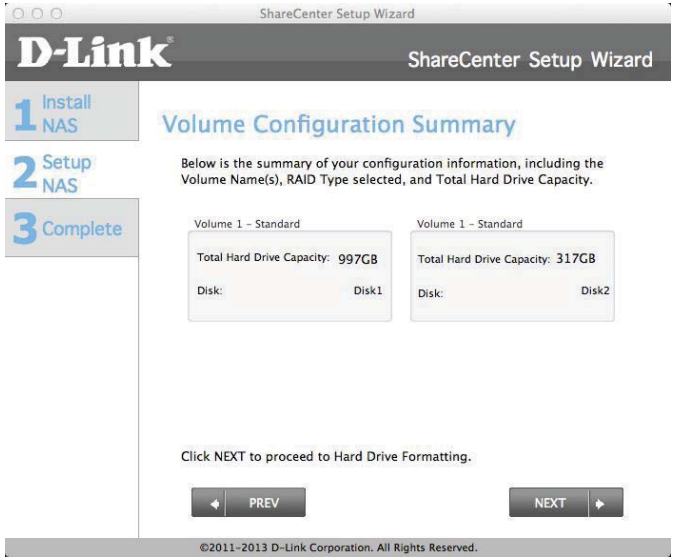
Step 21 - Now that you have set the RAID, a Volume Configuration Summary shows you details about your settings.

Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Volume Configuration Summary
Below is the summary of your configuration information, including the Volume Name(s), RAID Type selected, and Total Hard Drive Capacity.
Volume 1 - Standard
Total Hard Drive Capacity: 997GB
Disk: Disk1
Volume 1 - Standard
Total Hard Drive Capacity: 317GB
Disk: Disk2
Click NEXT to proceed to Hard Drive Formatting.
PREV
NEXT
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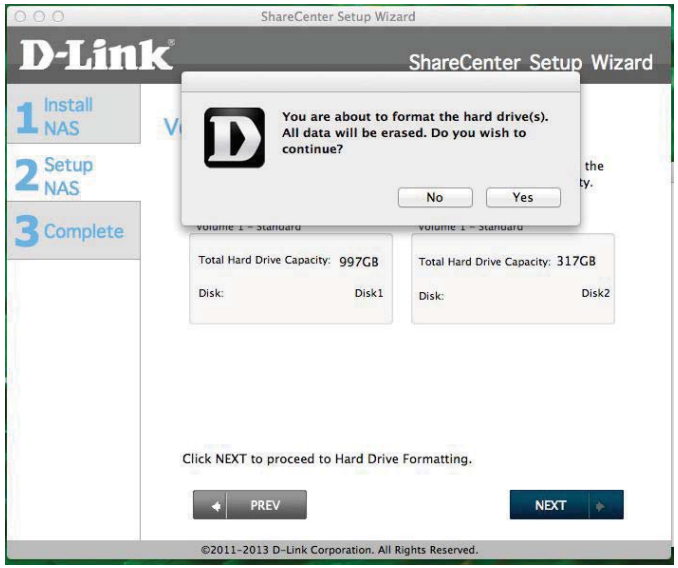
Step 22 - Before the RAID configuration is set, a warning message appears to inform you that all data will be erased.

Click **Next**.

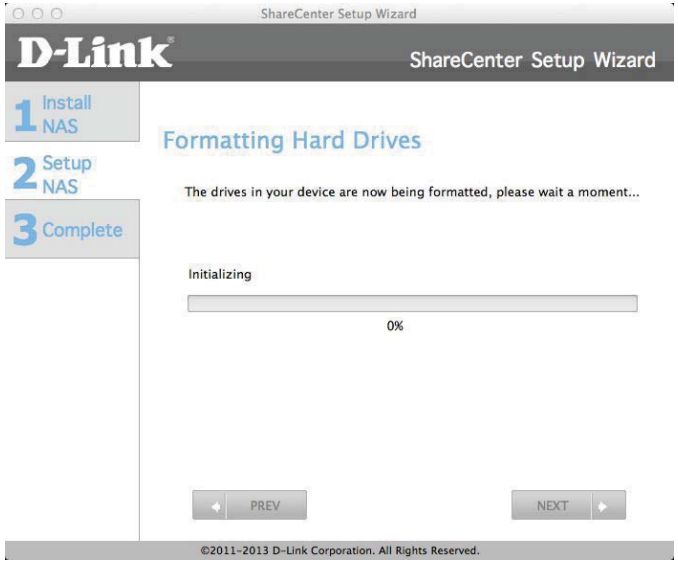
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 23 - The format begins.

Click **Next**.

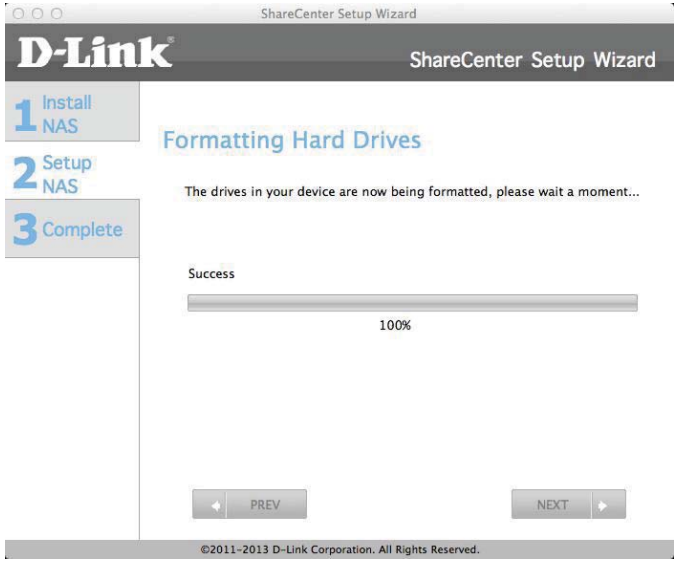
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 24 - The formated process is successful.

Click **Next**.

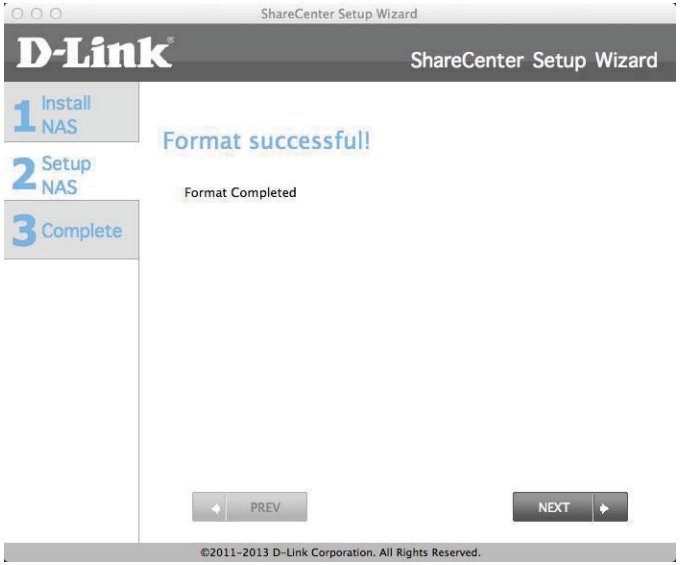
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 25 - The format is complete.

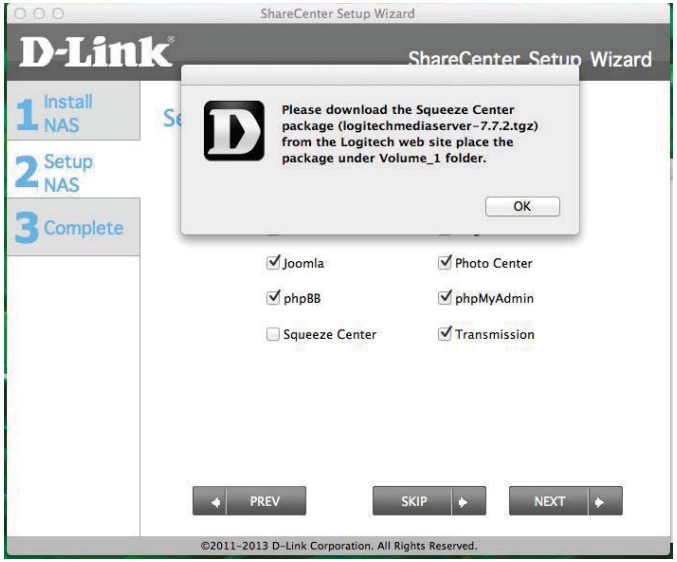
Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 26 - To install the Add-ons, select the Add-ons. you wish to install. The Squeeze Center is the only Add-on that is not checked by default. When you click this. download details are provided.

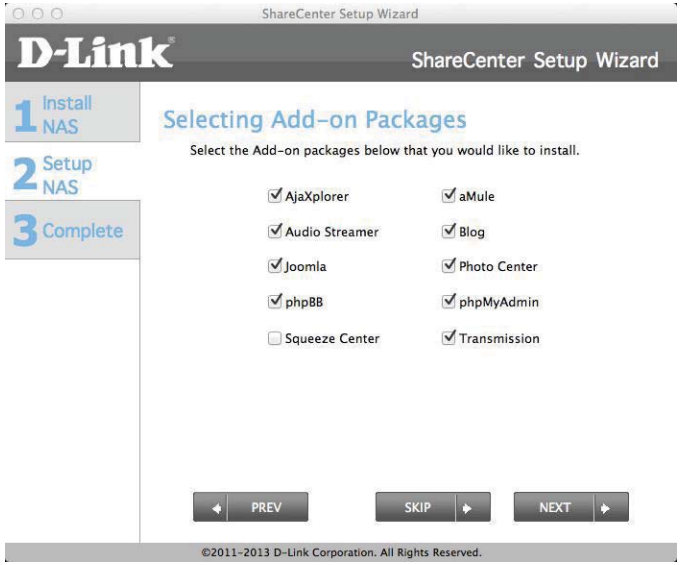
Click **OK**.



Step 27- Alternatively, install the default Add-ons.

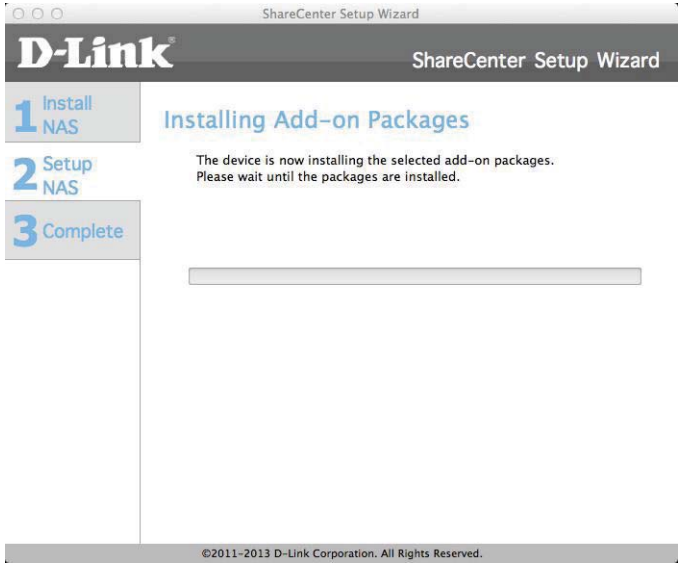
Click **Next**.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 28 - The Add-on packages are installed.
Click **Next**.

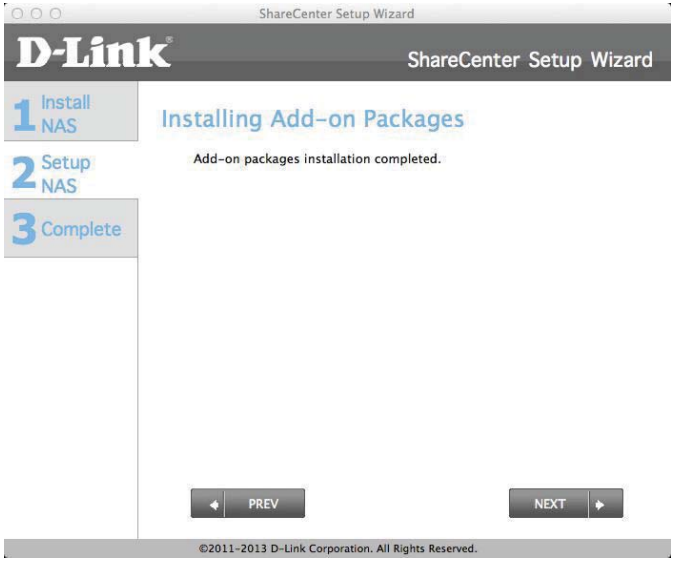
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Installing Add-on Packages
The device is now installing the selected add-on packages.
Please wait until the packages are installed.
©2011-2013 D-Link Corporation. All Rights Reserved.

Step 29 - Add-ons complete.

Click **Next**.

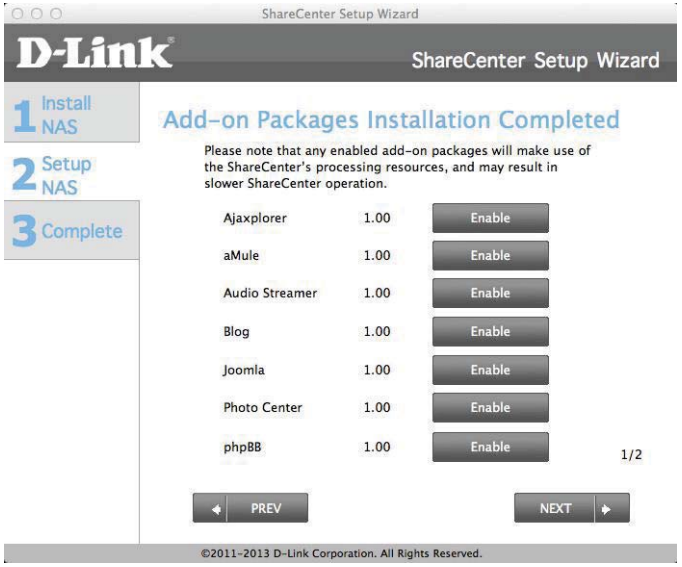
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 30 - This screen displays all the packages installed but it doesn't enable all the packages by default. Depending on how many packages you initially installed, there are two package screens.

Click **Next** to view the next screen.

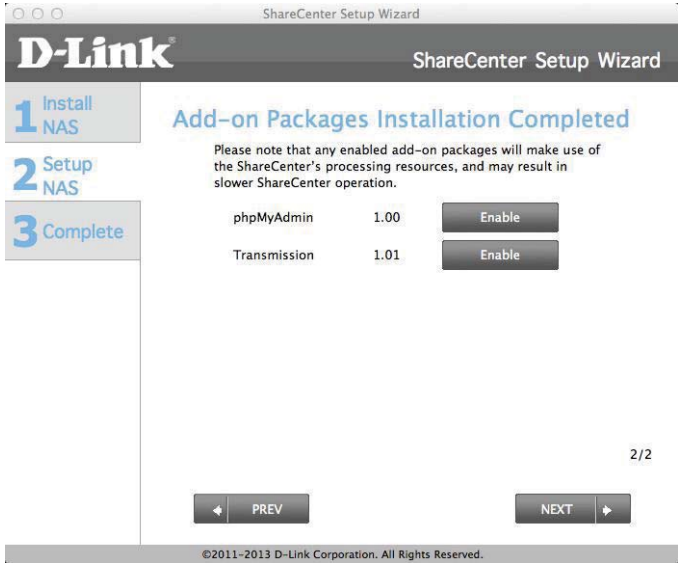
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 31 - The second screen.

Click **Next** to view the next screen.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
phpMyAdmin 1.00 Enable
Transmission 1.01 Enable
2/2
PREV
NEXT
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Step 32 - Setup the mydlink administration.

Click **Next** to view the next screen.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
mydlink Registration
Would you like to register your DNS-327L Network attached storage (NAS) to mydlink.com?
Yes
No
Selecting "Yes" will allow you to add the DNS-327L to a mydlink.com account. Please visit www.mydlink.com for more information about services provided.
Selecting "No" will complete the setup.
PREV
NEXT
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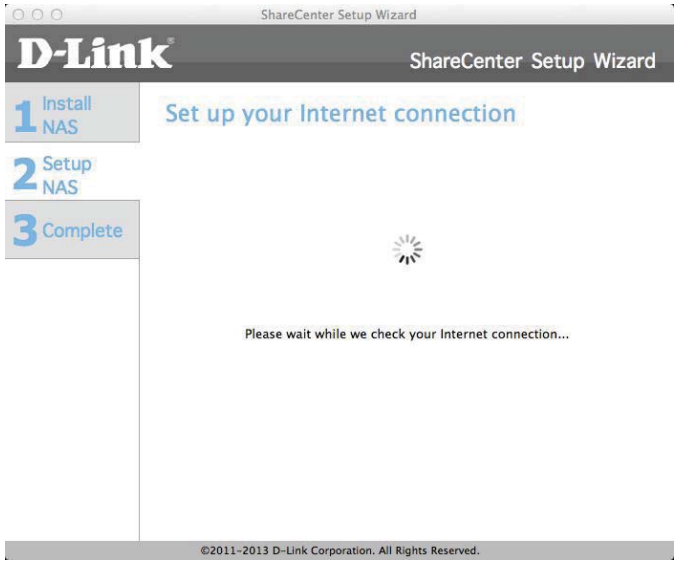
Step 33 - The NAS starts to link to the internet and register mydlink.

Click **Next** to view the next screen.

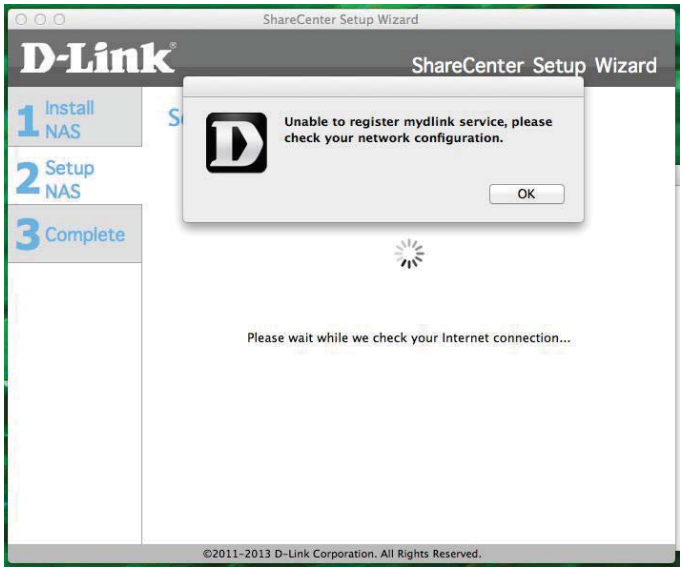
Click **Previous** if you want to go back and make changes to any parts of your past configuration options.



Step 34- If you are unable to connect to the mydlink registration site, a warning message notifies you of an unsuccessful connection.

Click **OK** to continue. Check your connection settings or your NAS settings.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Unable to register mydlink service, please check your network configuration.
OK
Please wait while we check your Internet connection...
©2011-2013 D-Link Corporation. All Rights Reserved.

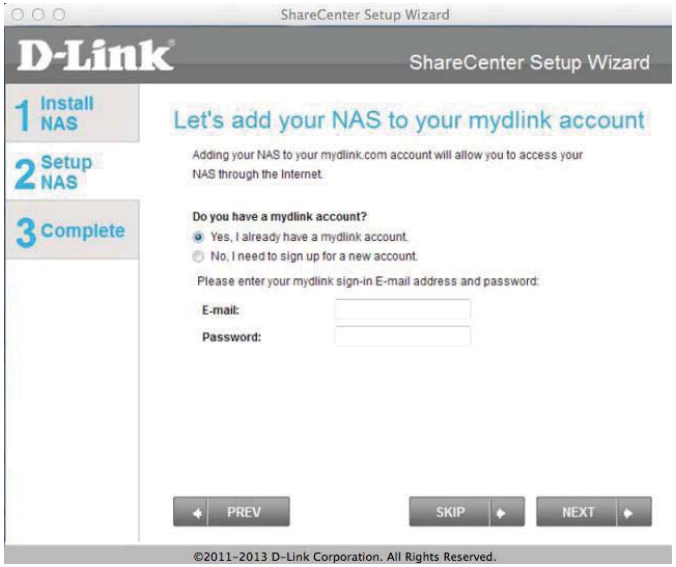
Step 35 - When the connection settings are correct, the mydlink server provides the connection details.

The next screen allows you to setup the remote mydlink cloud service. Select the Yes radio button if you already have a mydlink account.

Enter your email address and password.

Click **Next** to view the next screen.

Click **Previous** if you want to go back and make changes to any parts of your past configuration options.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Let's add your NAS to your mydlink account
Adding your NAS to your mydlink.com account will allow you to access your NAS through the Internet.
Do you have a mydlink account?
Yes, I already have a mydlink account.
No, I need to sign up for a new account.
Please enter your mydlink sign-in E-mail address and password:
E-mail:
Password:
PREV
SKIP
NEXT
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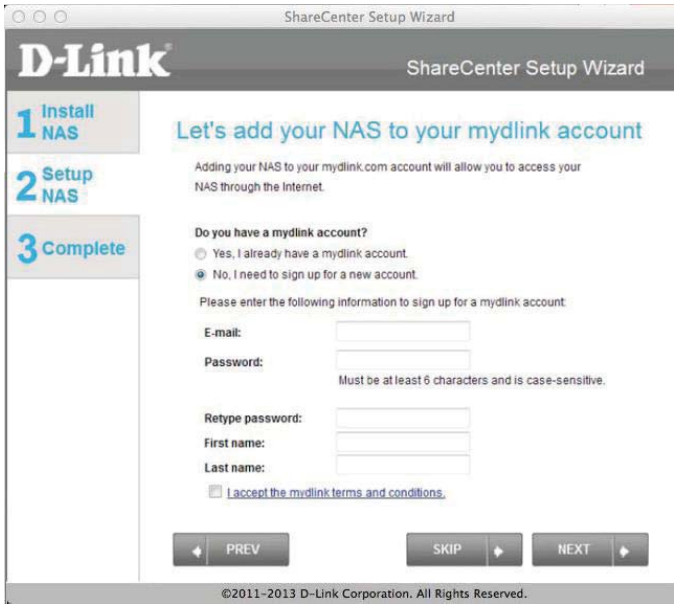
Step 36 - Alternatively, you can create a new account if you select "No, I need to sign up for a new account."

Enter your email address and a password that you can remember. Then retype the password, enter a First Name and a Last Name. Then click the checkbox that reads:

"**I accept the mydlink terms and conditions.**"

Click **Next** to continue.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Let's add your NAS to your mydlink account
Adding your NAS to your mydlink.com account will allow you to access your NAS through the Internet.
Do you have a mydlink account?
Yes, I already have a mydlink account.
No, I need to sign up for a new account.
Please enter the following information to sign up for a mydlink account:
E-mail:
Password:
Must be at least 6 characters and is case-sensitive.
Retype password:
First name:
Last name:
I accept the mydlink terms and conditions.
PREV
SKIP
NEXT
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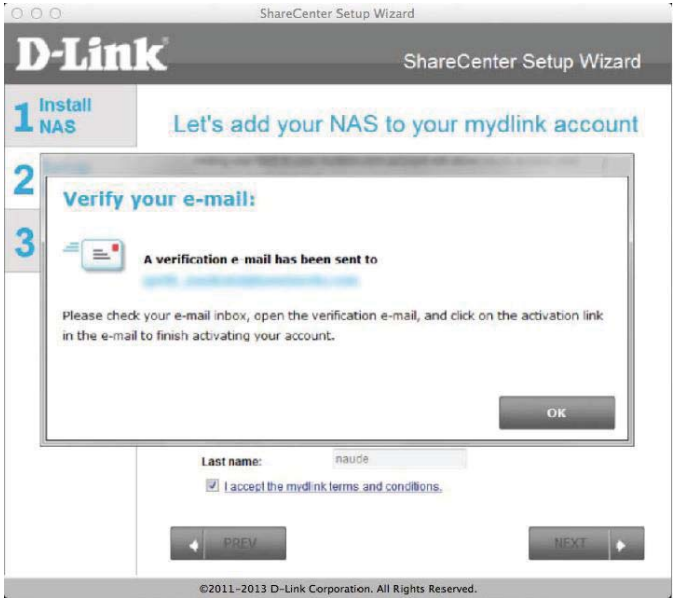
Step 37 - A message appears asking you to verify your email address and account.

Click OK to continue.


ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
Let's add your NAS to your mydlink account
2
3
Verify your e-mail:
A verification e-mail has been sent to
Please check your e-mail inbox, open the verification e-mail, and click on the activation link in the e-mail to finish activating your account.
OK
Last name:
naude
I accept the mydlink terms and conditions.
PREV
NEXT
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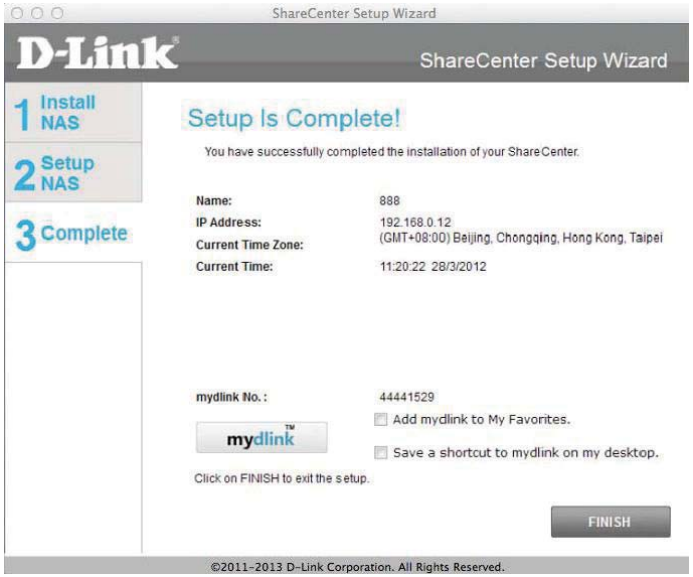
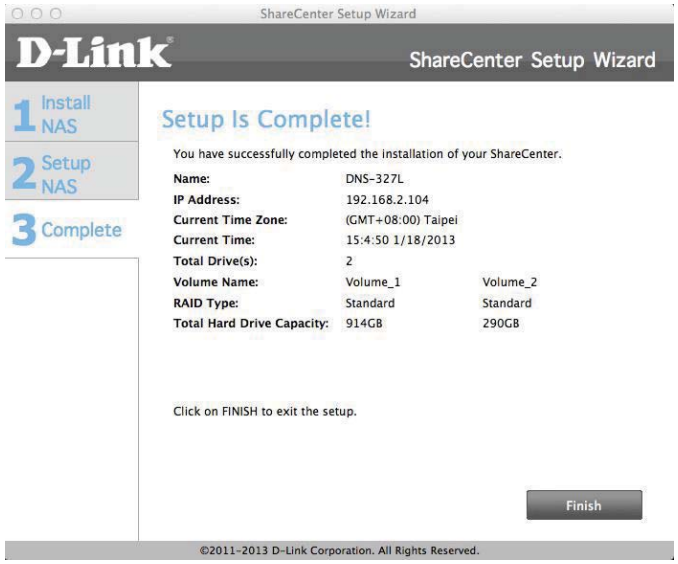
Step 38 - The mydlink section of the wizard installation is complete. The wizard provides you with a **mydlink number**. You can also tick the **Add mydlink to My Favorites** checkbox, or **Save a shortcut to mydlink on my computer** checkbox. You can use this mydlink number for future reference.

Click **Finish** to continue.

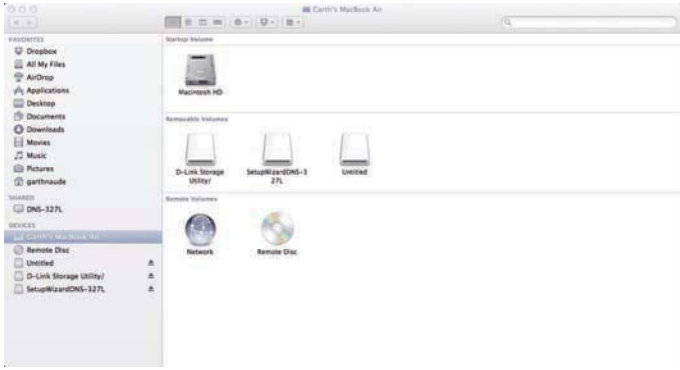

ShareCenter Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Setup Is Complete!
You have successfully completed the installation of your ShareCenter.
Name: 888
IP Address: 192.168.0.12
Current Time Zone: (GMT+08:00) Beijing, Chongqing, Hong Kong, Taipei
Current Time: 11:20:22 28/3/2012
mydlink No.: 44441529
Add mydlink to My Favorites.
mydlink
Save a shortcut to mydlink on my desktop.
Click on FINISH to exit the setup.
FINISH
©2011-2013 D-Link Corporation. All Rights Reserved.

Step 39 - The setup is complete.

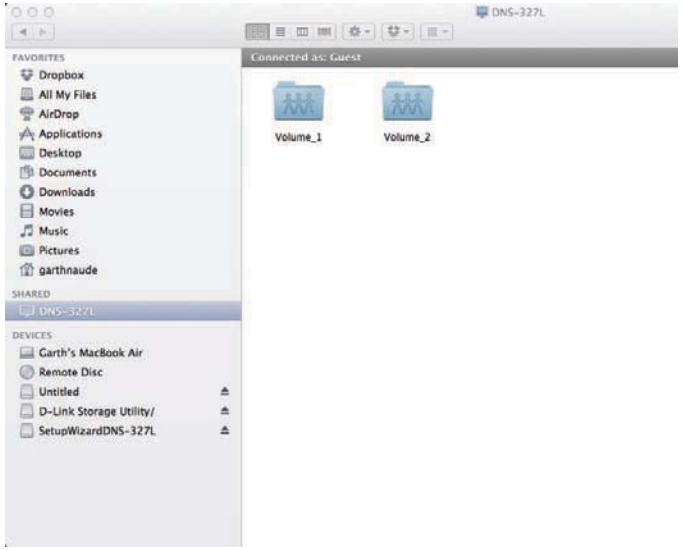
Click **Finish.**



Step 40 - You can now view the DNS-327L in the Finder on the left panel.



Step 41 - Click the icon to view contents on your NAS.



Configuration
Managing your DNS-327L

ShareCenter™ Web UI (User Interface) is a browser-based utility that allows you to manage and configure the different tools and services. The Web UI is divided into three main sections:

1. Home
2. Applications
3. Management

SECTION	OPTION	DESCRIPTION
Home - My Folder	My Photos	Create albums and manage photos, share photos through social networking sites, and slideshows
	My Files	Access files on your NAS via a web browser
	My Music	Access your music collection. Add tracks, albums, etc
	My Surveillance	View and control security cameras connected to your NAS
	My Favorites Application	Add the favorite applications you use on a regular basis to the Home page

SECTION	OPTION	DESCRIPTION
Applications	FTP/HTTP Downloads	Configure FTP and HTTP download settings
	Remote Backup	Configure remote backup services
	Local Backups	Configures local backups, Time Machine© settings, and USB backups
	P2P Downloads	Configure your P2P downloads and control your download schedules
	My Files	Access files on your NAS via a web browser
	Amazon S3	Create, modify, and delete your Amazon S3© settings

SECTION	OPTION	DESCRIPTION
Management	Setup Wizard	Step by step guide through password & time settings, connectivity, and device configuration
	Disk Management	Configures disk volumes, RAID, and performs disk diagnostics
	Account Management	Configures user and group management, network shares
	Network Management	Configures LAN, Dynamic DNS, and Port Forwarding
	Application Management	Configures FTP, add-ons, AFP, NFS, and multimedia services
	System Management	Configures language, time and date, device, and system settings. Also allows you to control power, notifications, view logs, do firmware upgrades, and manage USB devices.
	System Status	Displays system and hard drive information along with resource monitoring

D-Link Storage Utility

When first powered on, during the initial boot sequence, the ShareCenter™ will wait to be assigned an IP address via DHCP. If it does not receive a DHCP assigned IP address, the ShareCenter™ will be automatically assigned a 169.254.xxx.xxx address. It is recommended that you use the included D-Link Storage Utility software when accessing and configuring the ShareCenter™ for the first time. If you want to change the IP address before logging in or you are having trouble connecting to the ShareCenter™ IP address, you can use the Storage Utility software included on the product CD to locate the device on your network and make any necessary changes.

Network Storage Device: The D-Link Storage Utility displays any ShareCenter™ devices it detects on the network here.

Refresh: Click **Refresh** to refresh the device list.

Configuration: Click **Configuration** to access the Web based configuration of the ShareCenter™.

LAN: Configure the LAN Settings for the ShareCenter™ here.

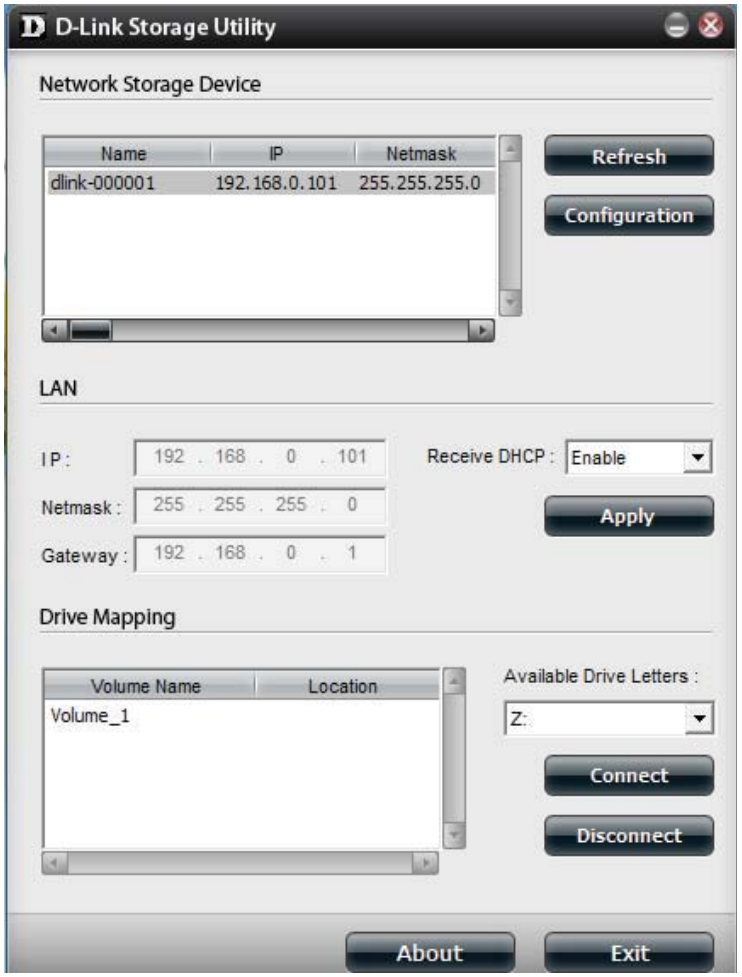
Apply: Click **Apply** to save changes to the LAN Settings.

Drive Mapping: Volumes available for mapping are displayed here.

Available Drive Letters: Choose an available drive letter. Click **Connect** to map the selected volume. Click **Disconnect** to disconnect the selected mapped volume.

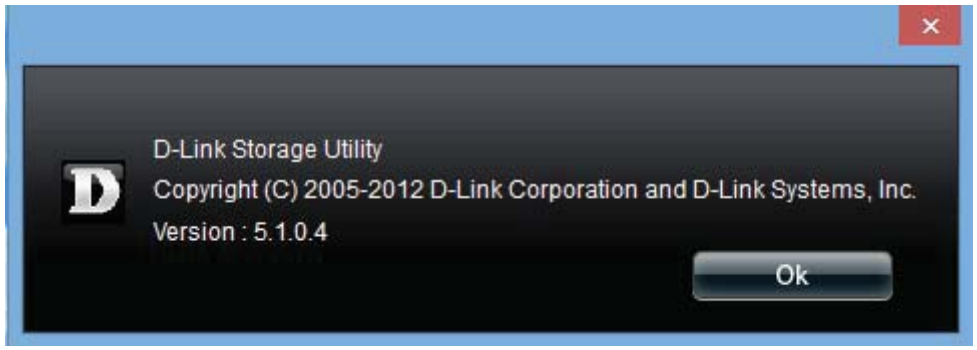
About: Click **About** to view the software version of the Easy Search Utility.

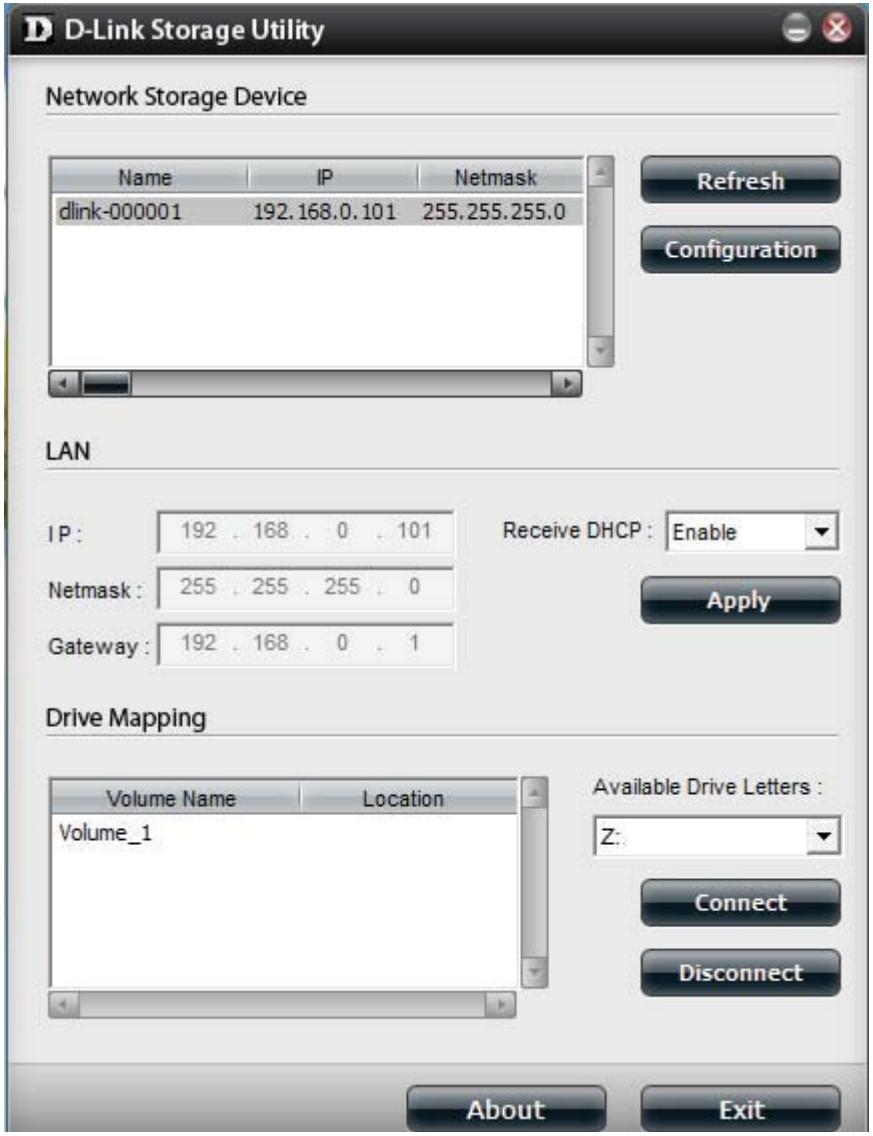
Exit: Click **Exit** to close the utility.



Select the ShareCenter™ from the list and click the **Configuration** button. This will launch the computer's default web browser and direct it to the IP address listed for the device. Make sure the browser is not configured to use a proxy server.

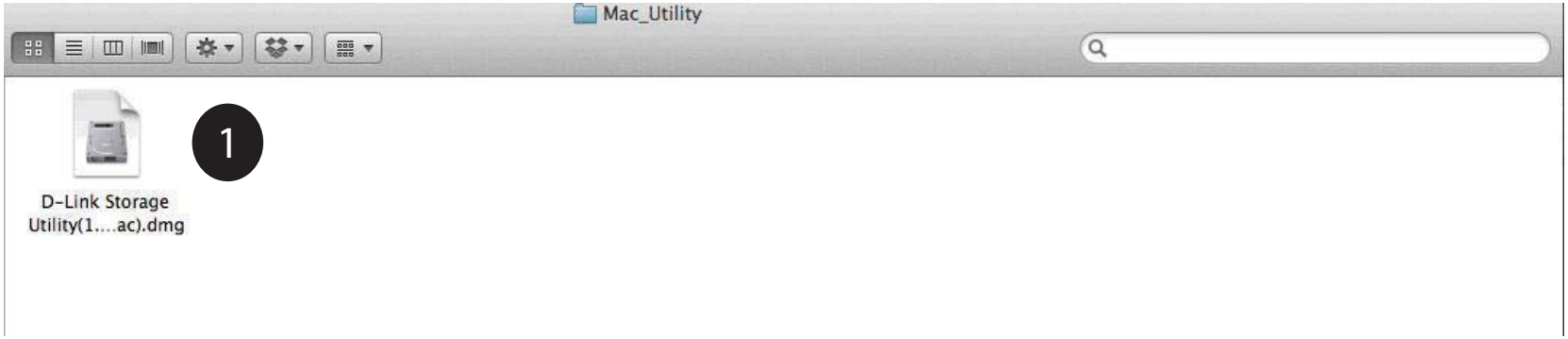
Note: *The computer used to access the ShareCenter™ web-based configuration manager must be on the same subnet as the ShareCenter.™ If your network is using a DHCP server and the computer receives IP settings from DHCP server, the ShareCenter ™will automatically be in the same subnet.*



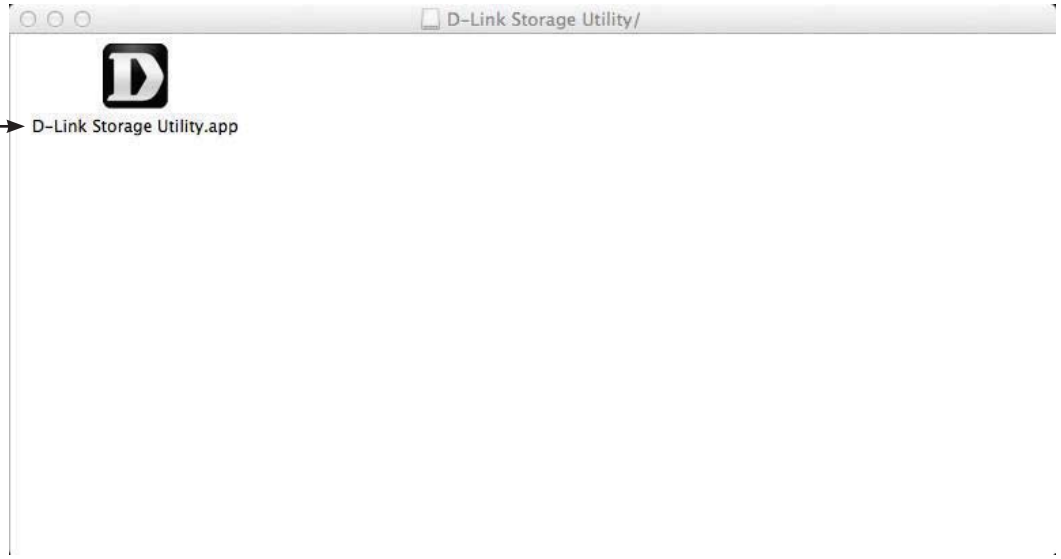


D-Link Storage Utility - For Mac

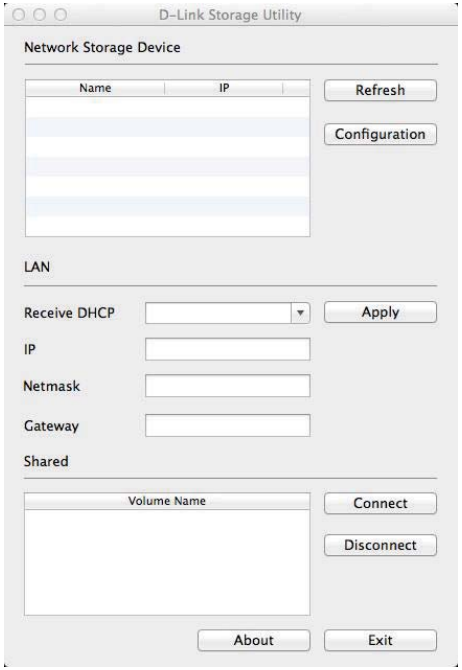
Step 1: To get started with the ShareCenter™ Storage Utility for Mac, insert the supplied CD into your CD-ROM drive: Double-click the .dmg file.



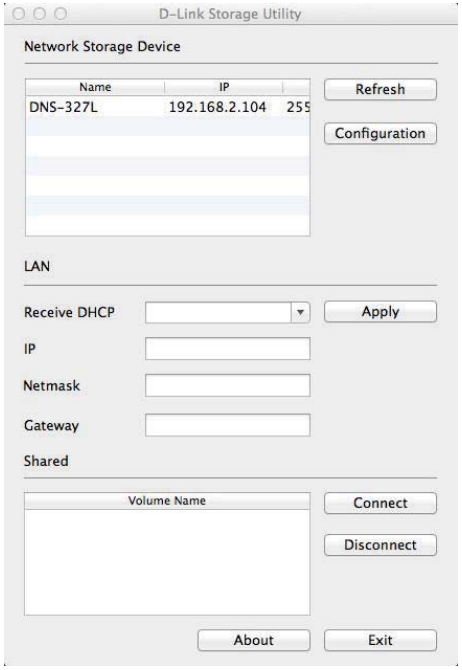
Step 2: Double-click the .dmg file to install the program. In the end you should have the D-link Storage Utility for Mac.



Step 3: This opens the D-Link Storage Utility

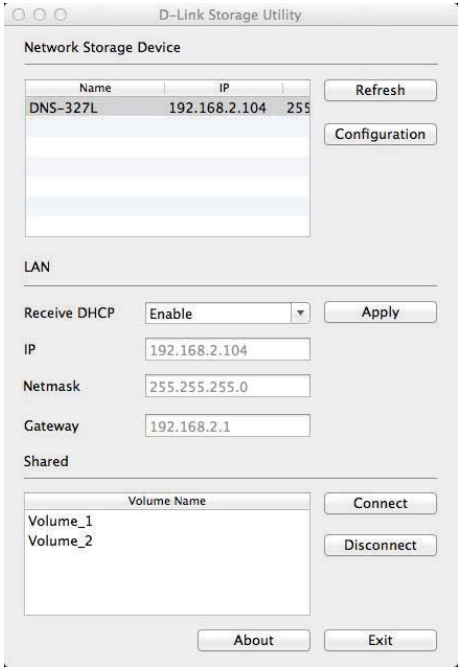


Step 4: Make sure you are connected to your local LAN. Click the Refresh button. The D-Link Storage Utility displays the D-Link DNS-327L.

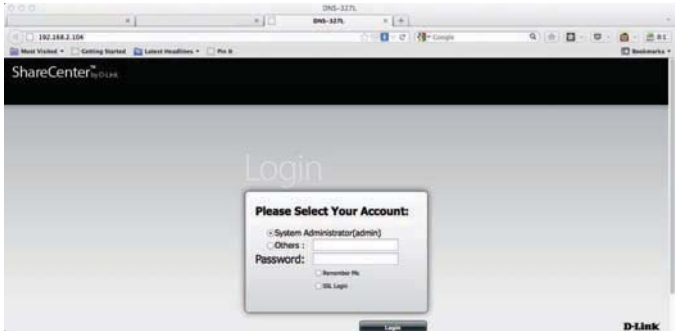


Step 5: The Storage Utility now shows the DNS-327L, the LAN configuration (toggle between DHCP and manual), and the Volume details.

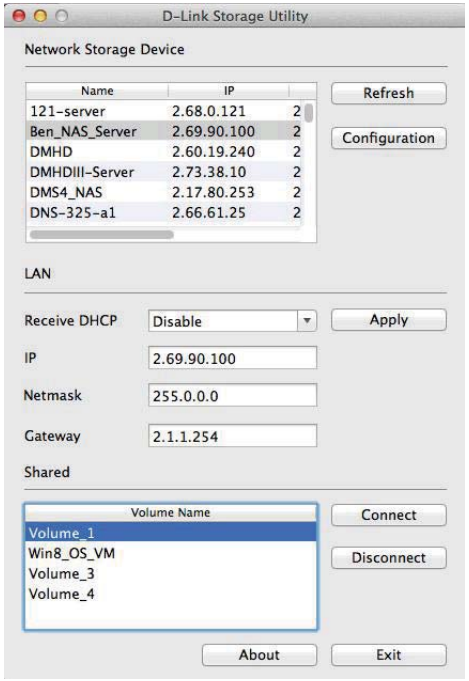
Use the drop-down list to configure your LAN settings and click Apply.



Step 6: To configure the NAS, click the configuration button. This opens your default browser. Log in and configure.



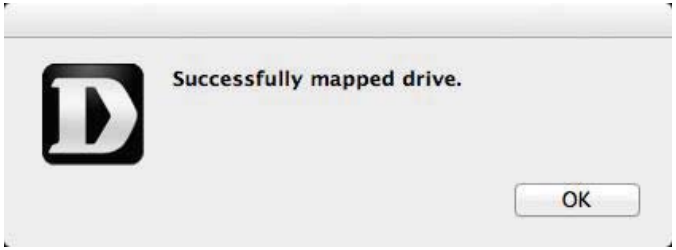
Step 7: To map the NAS volume, select a **Volume** from the list then click the **Connect** button.



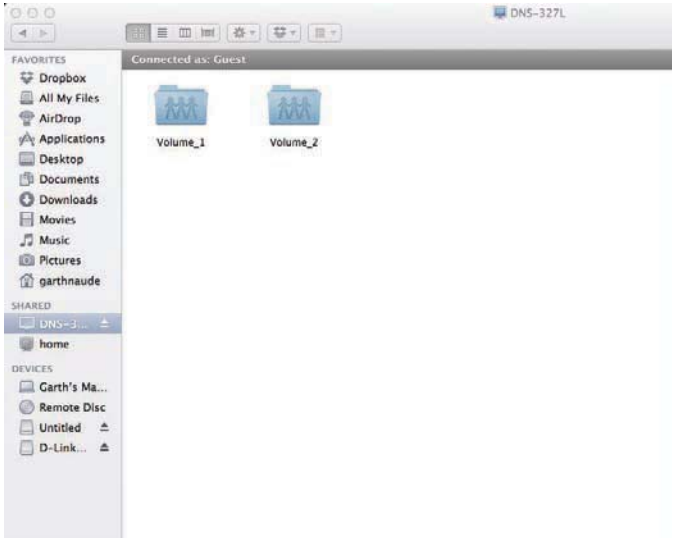
Step 8: The Log-in window appears. Select Guest or Registered User.

Step 9: Enter a username and password for the DNS-327L and click Connect.

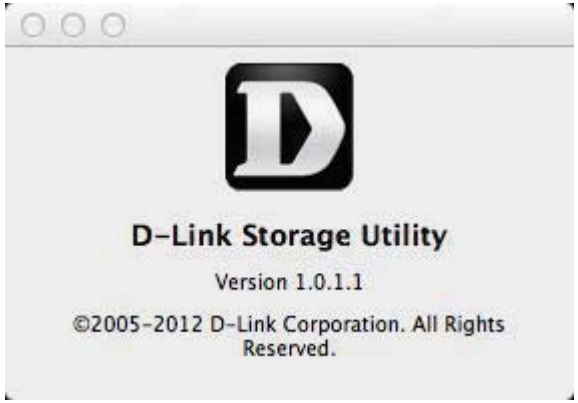
Step 10: A pop-up window appears notifying you that mapping the drive was a success. Click OK to continue. Use the Disconnect button to disconnect from the mapped drive(s).



Step 11: Finder now opens the drive and displays the DNS-327L under the Shared column on the left and the Volumes on the right.



Step 12: When you click the About button it displays the software version number. This comes in handy when updating to a new version.

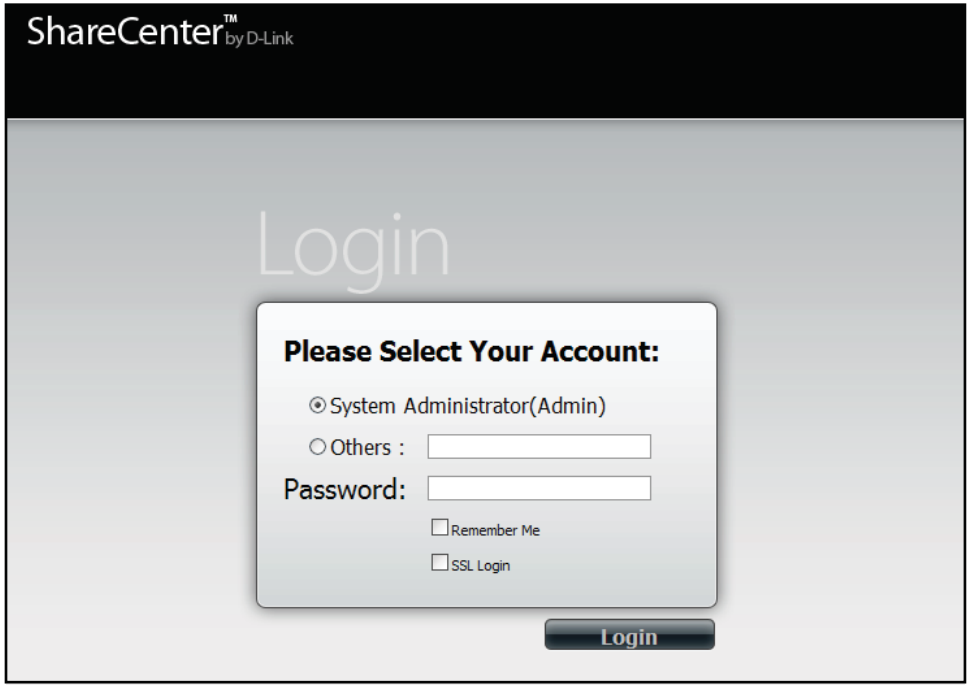


Web UI Login

To access the Web UI, open the D-Link Storage utility, select DNS-327L from the Network Storage Device list, then click the Configuration button.

The following screen will appear:

Select **System Administrator** and enter the password created during the Setup Wizard. Click **Login**.

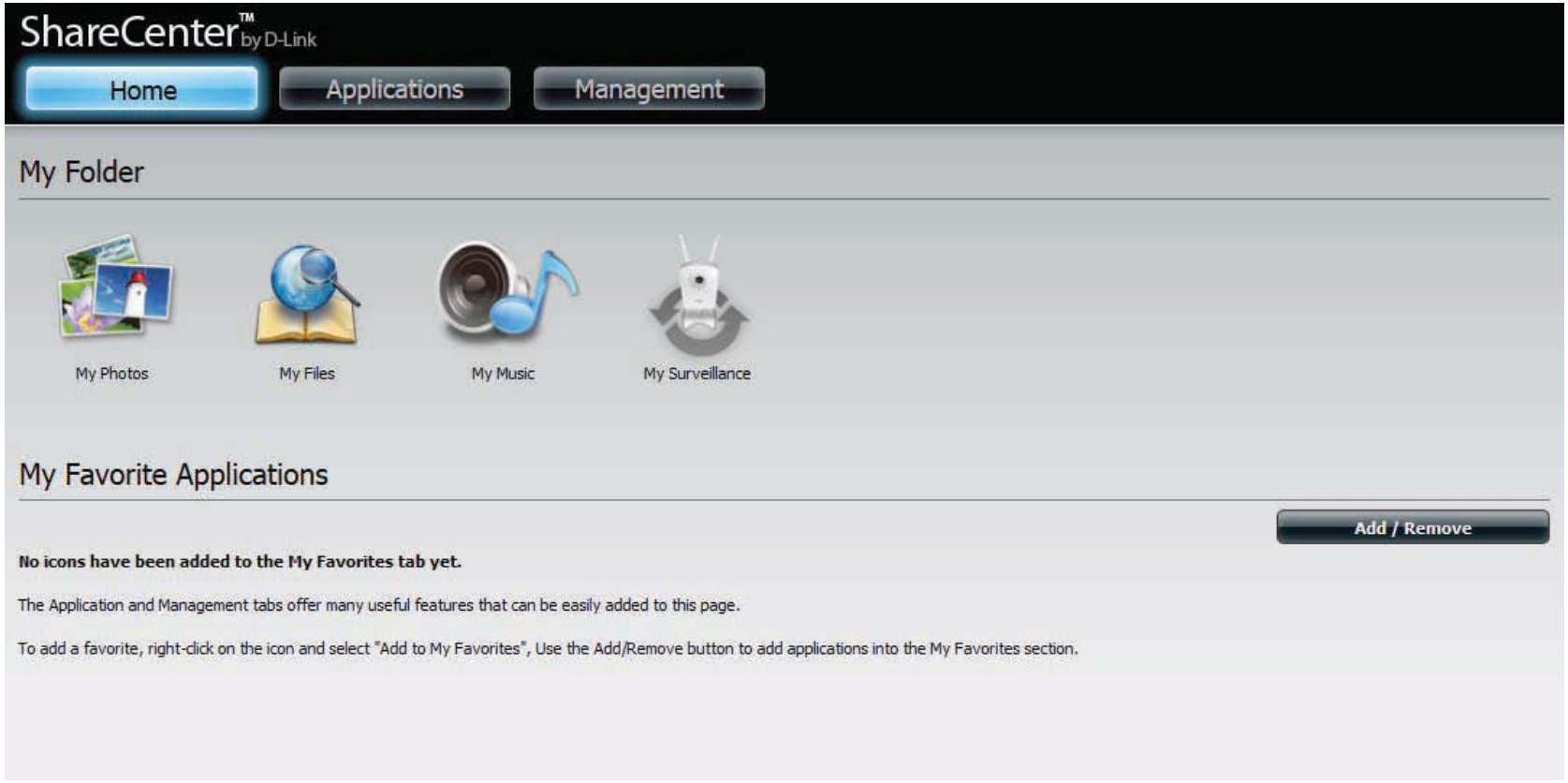


Note: *The computer used to access the ShareCenter™ web-based configuration manager must be on the same subnet as the ShareCenter™. If your network is using a DHCP server and the computer receives IP settings from the DHCP, the ShareCenter™ will automatically be in the same subnet.*

Web UI General Layout

Home

After logging in, the ShareCenter™ Home' tab will appear. You will see the Applications and Management tabs alongside of it.


ShareCenter™ by D-Link
Home
Applications
Management
My Folder
My Photos
My Files
My Music
My Surveillance
My Favorite Applications
Add / Remove
No icons have been added to the My Favorites tab yet.
The Application and Management tabs offer many useful features that can be easily added to this page.
To add a favorite, right-click on the icon and select "Add to My Favorites", Use the Add/Remove button to add applications into the My Favorites section.

Applications

The Applications tab contains FTP/HTTP Downloads, Remote Backups, Local Backups, P2P Downloads, My Files, and Amazon S3 icons. Click on each icon to see the submenus.

Management

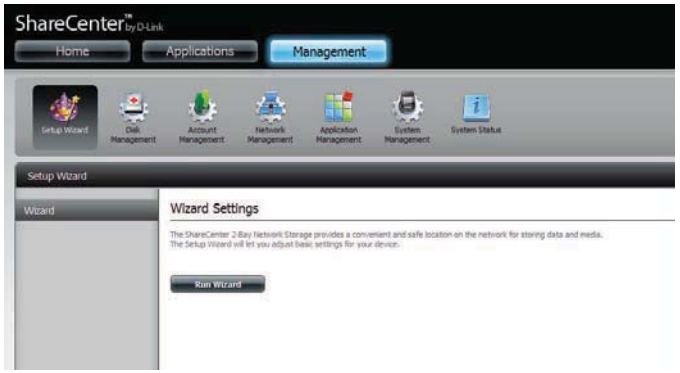
The Management tab contains the Setup Wizard, Disk Management, Account Management, Network Management, Application Management, System Management, and Status icons. Click on each icon to see the submenus.

Management

Setup Wizard (Web UI)

The ShareCenter™ has a Setup Wizard that allows you to quickly configure some of the basic device settings. Click the **Setup Wizard** icon to start the Setup Wizard.

Step 1 - Click the **Run Wizard** button to start the setup wizard.

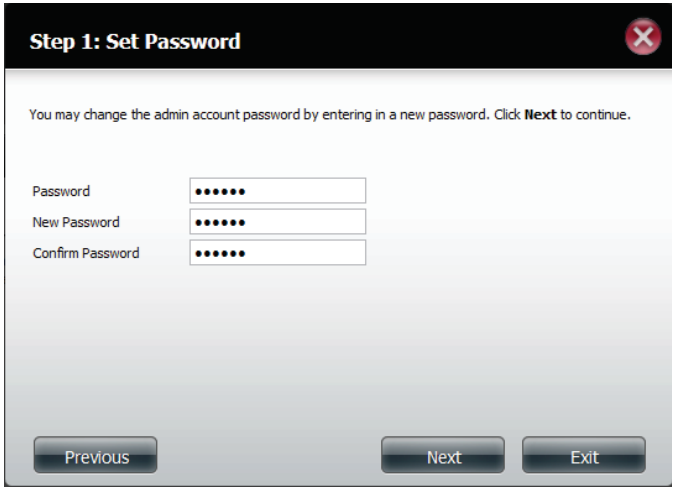


Step 2 - Click **Next** to continue.

Welcome To The ShareCenter Setup Wizard
Welcome to the ShareCenter Setup Wizard. This wizard will guide you through setting up your Network Attached Storage (NAS) device. Begin by clicking the Next button below.
1. Set Password
2. Choose Time Zone
3. Set LAN Connection Type
4. Set Device Information
5. Configure E-mail Settings
6. Finish
Next
Exit

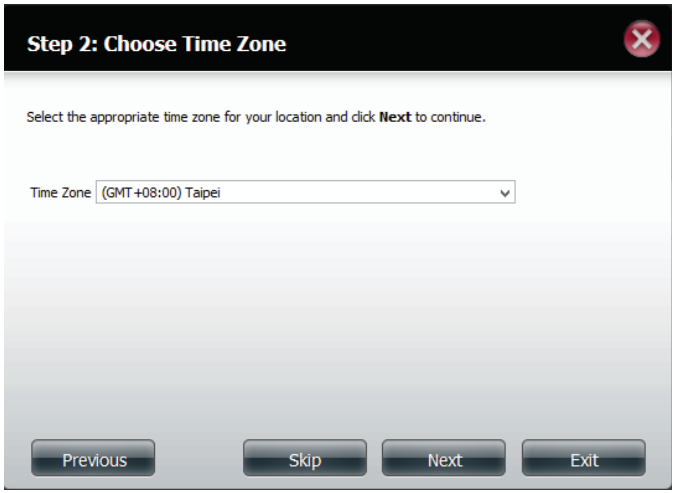
Step 3 - Update the administrator account password here and confirm the password or leave it blank.

Click **Next** to continue.



Step 4 - Set the time zone from the drop-down menu to the appropriate geographical zone closest to your location.

Click **Next** to continue or click **Skip** to ignore these settings.



Step 5 - Select **DHCP** to obtain IP settings automatically from a DHCP server (router) or **Static** to assign the parameters below manually.

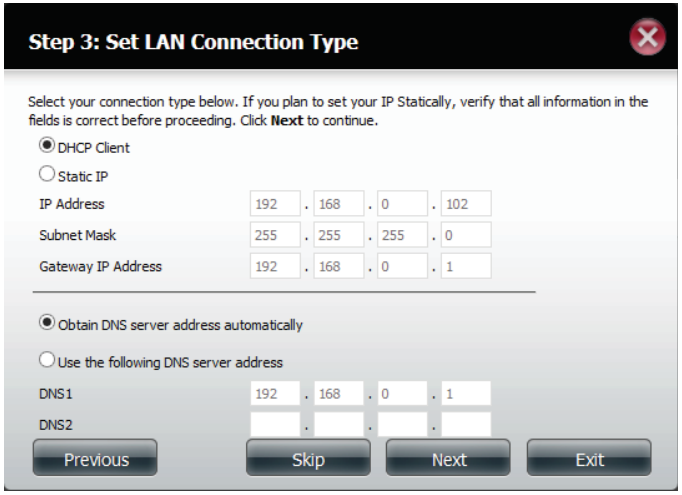
IP Address: Enter an IP address for the DNS-327L.

Subnet Mask: Enter the subnet mask of your network.

Gateway IP Address: Enter the IP address of your gateway (usually the local IP of your router).

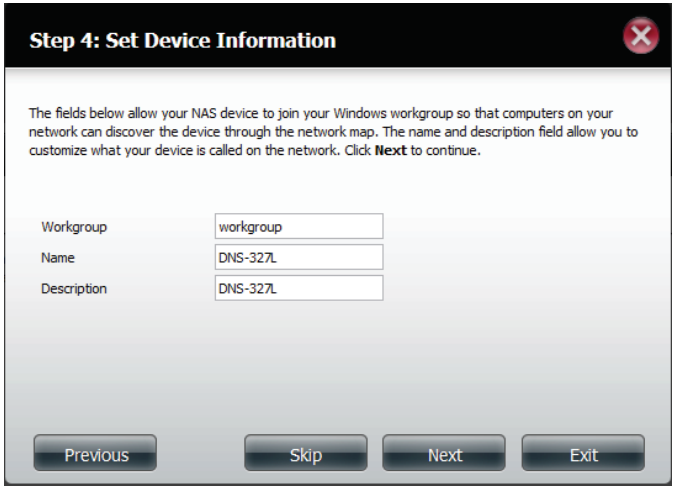
DNS Servers: Enter the IP address(es) of your DNS server(s). DNS1 is usually the IP address of your router.

Click **Next** to continue or click **Skip** to ignore these settings.


Step 3: Set LAN Connection Type
Select your connection type below. If you plan to set your IP Statically, verify that all information in the fields is correct before proceeding. Click Next to continue.
DHCP Client
Static IP
IP Address 192 . 168 . 0 . 102
Subnet Mask 255 . 255 . 255 . 0
Gateway IP Address 192 . 168 . 0 . 1
Obtain DNS server address automatically
Use the following DNS server address
DNS1 192 . 168 . 0 . 1
DNS2
Previous
Skip
Next
Exit

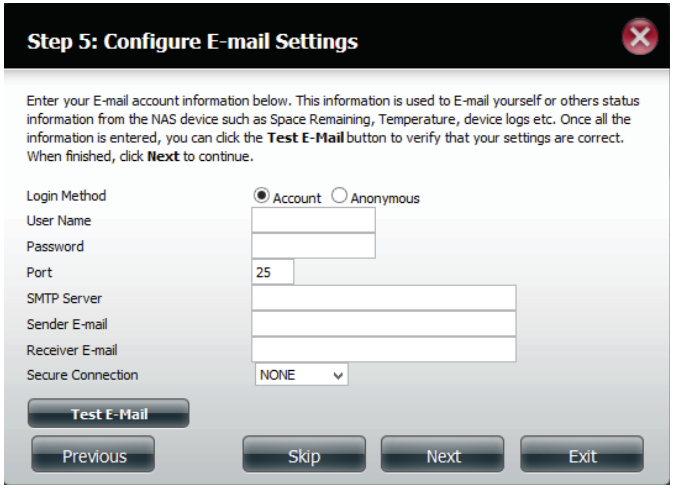
Step 6 - Here you can assign a workgroup and name to the ShareCenter™ with a short description.

Click **Next** to continue or click **Skip** to ignore these settings.


Step 4: Set Device Information
The fields below allow your NAS device to join your Windows workgroup so that computers on your network can discover the device through the network map. The name and description field allow you to customize what your device is called on the network. Click Next to continue.
Workgroup workgroup
Name DNS-327L
Description DNS-327L
Previous
Skip
Next
Exit

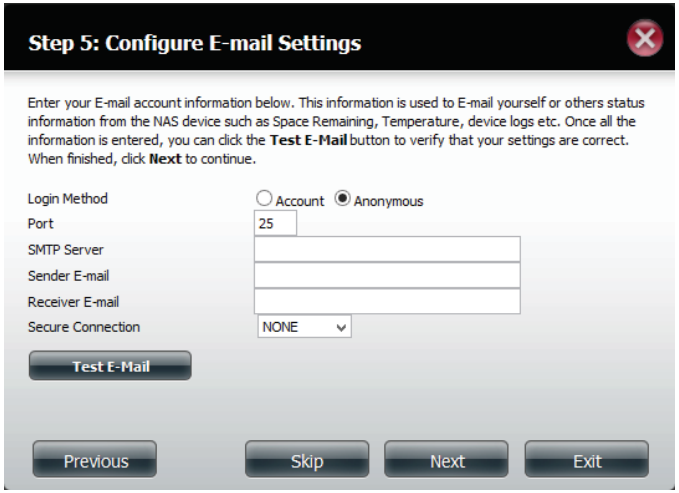
Step 7 - Click **Account** and enter your e-mail information in the boxes provided to receive Event Alerts from the ShareCenter™ . Click the Test E-Mail button to test your settings.

Click **Next** to continue or click **Skip** to ignore these settings.

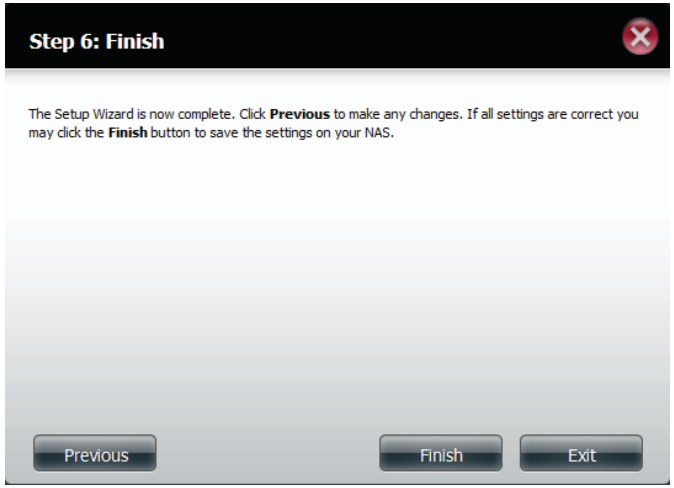

Step 5: Configure E-mail Settings
Enter your E-mail account information below. This information is used to E-mail yourself or others status information from the NAS device such as Space Remaining, Temperature, device logs etc. Once all the information is entered, you can click the Test E-Mail button to verify that your settings are correct. When finished, click Next to continue.
Login Method
Account
Anonymous
User Name
Password
Port
25
SMTP Server
Sender E-mail
Receiver E-mail
Secure Connection
NONE
Test E-Mail
Previous
Skip
Next
Exit

Step 8 - Click **Anonymous** to create a random account with no specific settings. Click the Test Email button to test your settings.

Click **Next** to continue or click **Skip** to ignore these settings.


Step 5: Configure E-mail Settings
Enter your E-mail account information below. This information is used to E-mail yourself or others status information from the NAS device such as Space Remaining, Temperature, device logs etc. Once all the information is entered, you can click the Test E-Mail button to verify that your settings are correct. When finished, click Next to continue.
Login Method
Account
Anonymous
Port
25
SMTP Server
Sender E-mail
Receiver E-mail
Secure Connection
NONE
Test E-Mail
Previous
Skip
Next
Exit

Step 9 - Click the **Previous** button to go back and check your settings. If you are satisfied with the settings, click the **Finish** button to save and complete the wizard. Click **Exit** to end the wizard without saving the settings.


Step 6: Finish
The Setup Wizard is now complete. Click Previous to make any changes. If all settings are correct you may click the Finish button to save the settings on your NAS.
Previous
Finish
Exit

Disk Management

Hard Drive Configuration

To setup the Hard Drive RAID configuration of your ShareCenter™, click on the Management tab and then the **Disk Management** icon. Select the Hard Drive Configuration menu item on the left of the window. This menu will allow you to set the RAID type and format your hard drives.

Hard Drive Configuration: Your ShareCenter™ hard drives can be configured here and formatted in various RAID configurations.

Current Raid Type: If the drives are already formatted the RAID configuration will be displayed here.

Set RAID type and Reformat: Click on this button to launch a wizard that allows you to select the RAID configuration and format the drives.

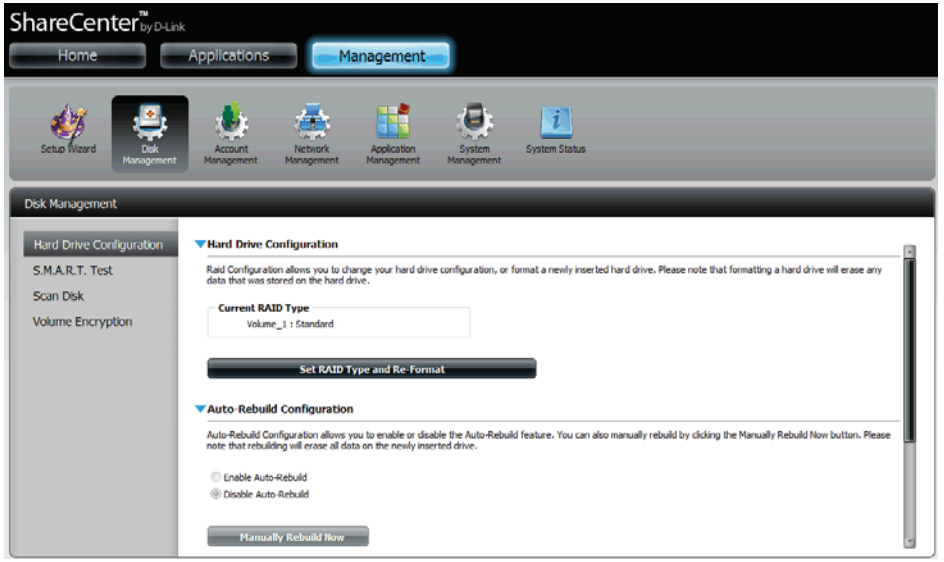
Auto-Rebuild Configuration: If you have chosen RAID 1 as the configuration option, then set the Auto-Rebuild function here using the radio buttons.

Enable Auto-Rebuild: Enabling Auto-Rebuild will rebuild a failed RAID 1 drive when a new drive has replaced the degraded one.

Disable Auto-Rebuild: If you do not want to automatically rebuild drives after a failure when using the RAID 1 functionality then you can check this option.

Note: *You can still rebuild a drive using the RAID 1 functionality however you must initiate the rebuild manually.*

Manual Rebuild Now: If Auto-Rebuild is disabled then you can use the Manual Rebuild option by clicking this button.


ShareCenter by D-Link
Home
Applications
Management
Setup Wizard
Disk Management
Account Management
Network Management
Application Management
System Management
System Status
Disk Management
Hard Drive Configuration
S.M.A.R.T. Test
Scan Disk
Volume Encryption
Hard Drive Configuration
Raid Configuration allows you to change your hard drive configuration, or format a newly inserted hard drive. Please note that formatting a hard drive will erase any data that was stored on the hard drive.
Current RAID Type
Volume_1 : Standard
Set RAID Type and Re-Format
Auto-Rebuild Configuration
Auto-Rebuild Configuration allows you to enable or disable the Auto-Rebuild feature. You can also manually rebuild by clicking the Manually Rebuild Now button. Please note that rebuilding will erase all data on the newly inserted drive.
Enable Auto-Rebuild
Disable Auto-Rebuild
Manually Rebuild Now

Hard Drive Configuration Wizard

When you click on the **Set RAID type and Re-Format** button in the Disk Management-Hard Drive Configuration menu a wizard will start, allowing you to format your drives and create the volume RAID format. The following is an example of a standard volume configuration:

The Hard Drive Configuration page displays the current RAID configuration under 'Current RAID Type'.

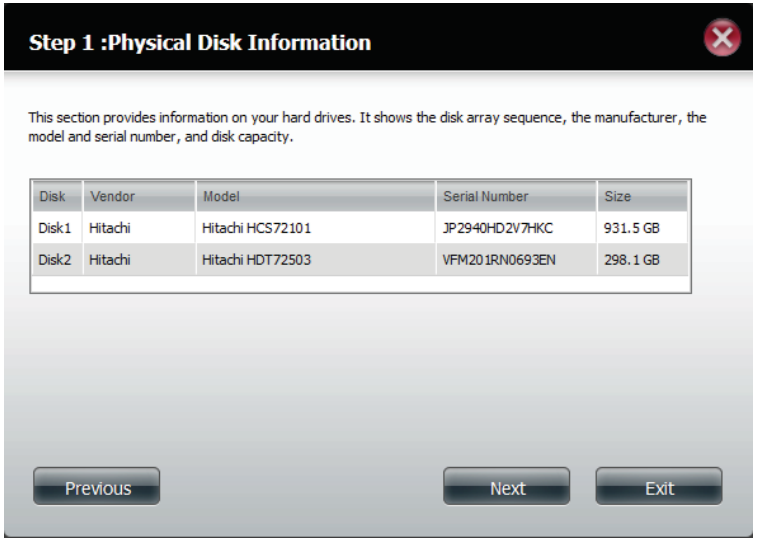
Click **Set RAID Type and Re-Format**.

The Setup Wizard begins.

Welcome To Hard Drive Configuration Wizard
Change the hard drive configuration and format the new hard drive(s). All data stored on this drive will be erased when you format the drive(s). Click Next to continue.
This wizard will guide you through the following settings:
1.Physical Disk Information
2.Select A RAID Type
3.Volume Configuration Summary
4.Formatting Hard Drive(s)
5.System Is Updating
6.Setup Completed
Next
Exit

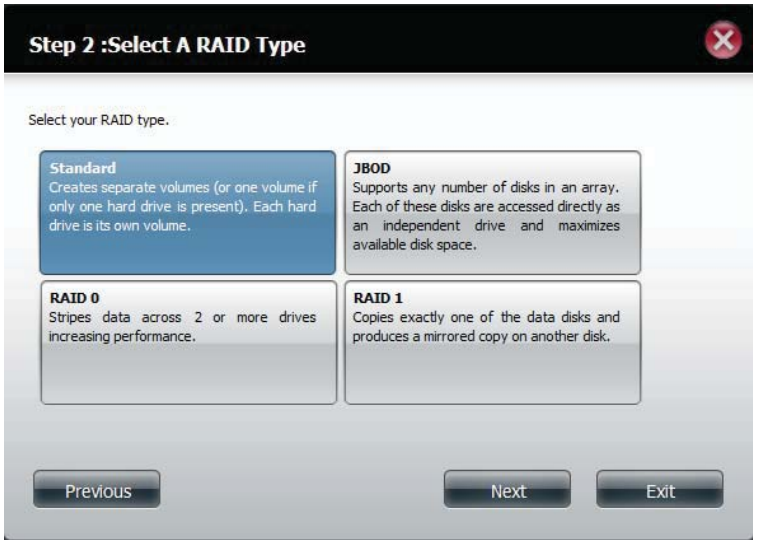
The 'Physical Disk Information' page displays all of the hard drives on the DNS-327L. It shows the array number, vendor, model, serial number, and drive capacity.

Click **Next** to continue.



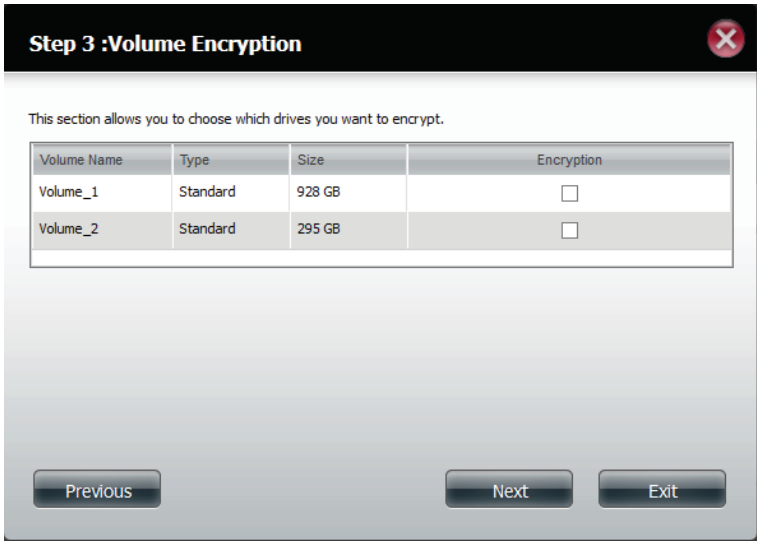
Select the format you want by clicking on the RAID type box (highlight in blue).

Click **Next** to continue.


Step 2 :Select A RAID Type
Select your RAID type.
Standard
Creates separate volumes (or one volume if only one hard drive is present). Each hard drive is its own volume.
JBOD
Supports any number of disks in an array. Each of these disks are accessed directly as an independent drive and maximizes available disk space.
RAID 0
Stripes data across 2 or more drives increasing performance.
RAID 1
Copies exactly one of the data disks and produces a mirrored copy on another disk.
Previous
Next
Exit

Volume Encryption encodes your Volumes to keep it safe from hackers. Select the Volume you wish to encrypt by clicking in the box next to it. You can select one Volume or many.

Click **Next** to continue.



A warning messege appears indicating a slowdown in access speeds.

Click **Yes** to continue.

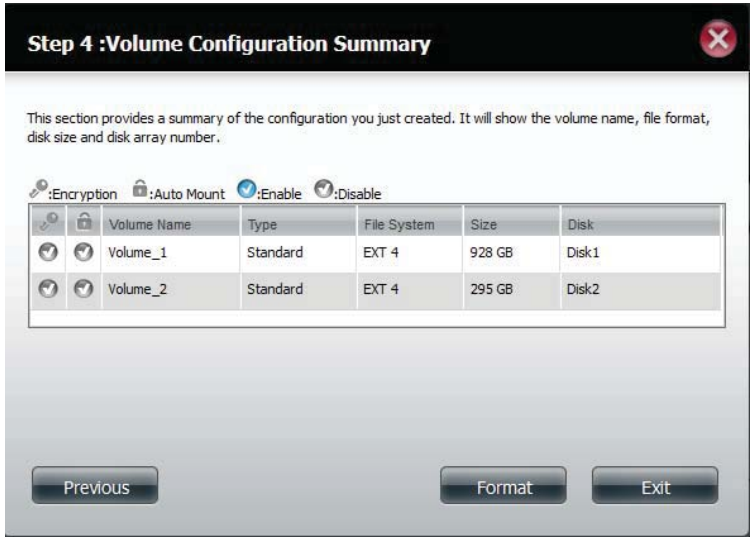
Click **Auto Mount** if you wish the encrypted file to be automatically mounted. Enter a **password** and re-enter the same **password** to verify your settings.

Click **Next** to continue, **Previous** to edit any settings, or **Exit** to leave the configuration process.

Step 3-1 :Volume_2 Encryption
This section allows you to set up a password for the selected drive. Select Auto Mount to automatically mount the encrypted drives without re-entering the password every time upon boot up.
Auto Mount
Input Encryption Password :
Verify Encryption Password :
Previous
Next
Exit

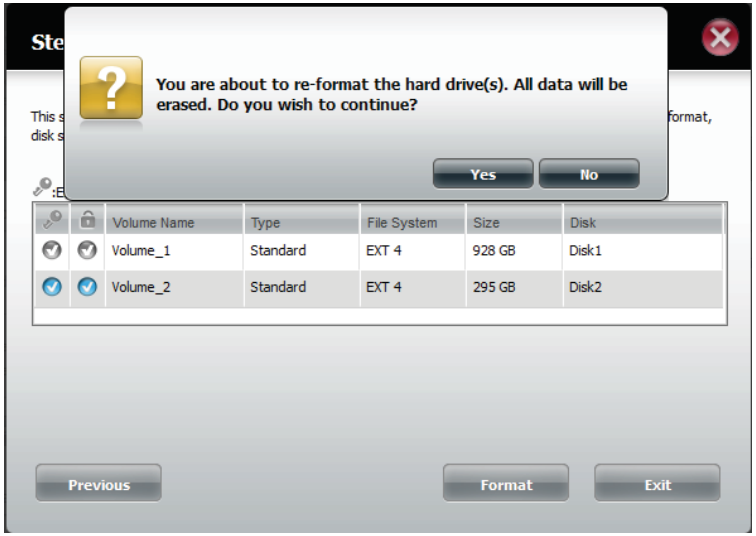
The **Volume Configuration Summary**, shows a mapping of the **Volume Name,** the **RAID** type, the **File System** used, the **Size**, and the **Disk**.

Click **Format** to continue, **Previous** to go back to your past settings, or **Exit** to cancel any changes.

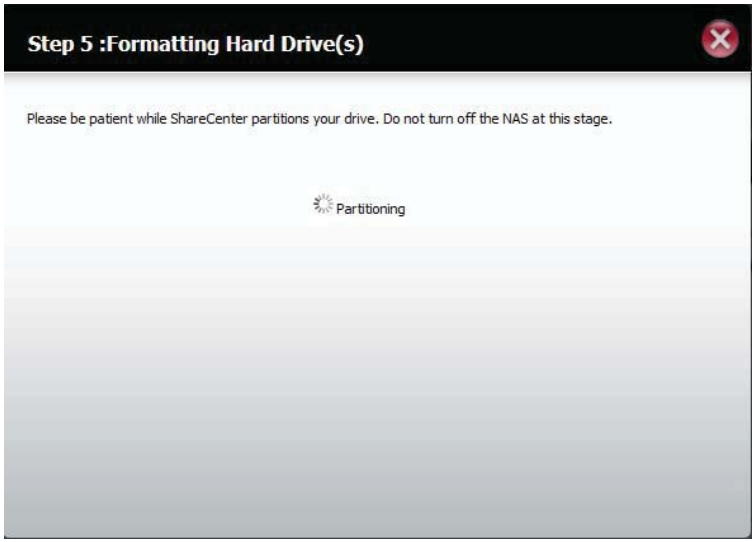


A warning message will appear to inform you that all volumes and data will be formatted and erased.

Click **Yes** to continue.

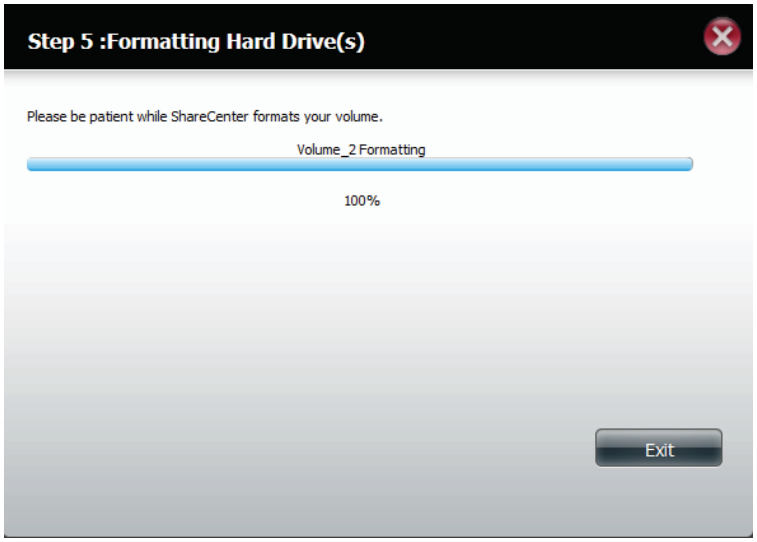


Partitioning will now begin. Please be patient while this process takes place. Do not turn off your NAS during this process.


Step 5 :Formatting Hard Drive(s)
Please be patient while ShareCenter partitions your drive. Do not turn off the NAS at this stage.
Partitioning

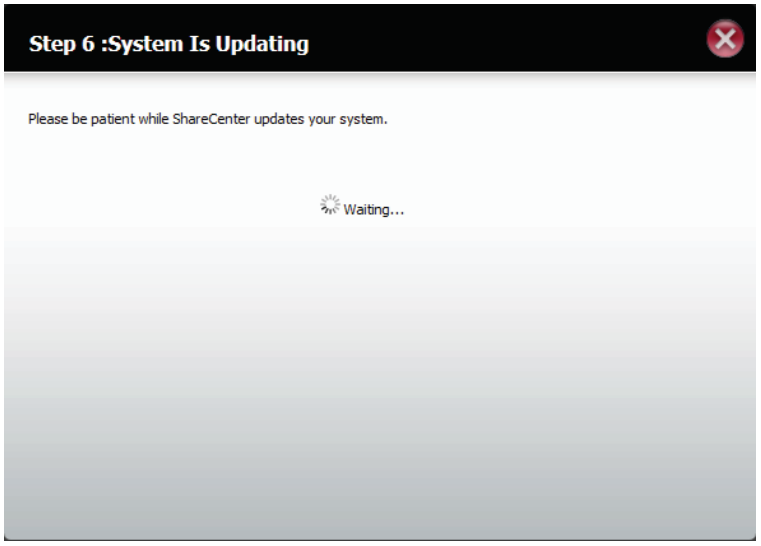
Once the partition is completed, the formatting process will begin. A graphical bar will show the volume being formatted. Do not turn off your NAS during this process.

If you would like to change your settings at this stage, click **Exit**.



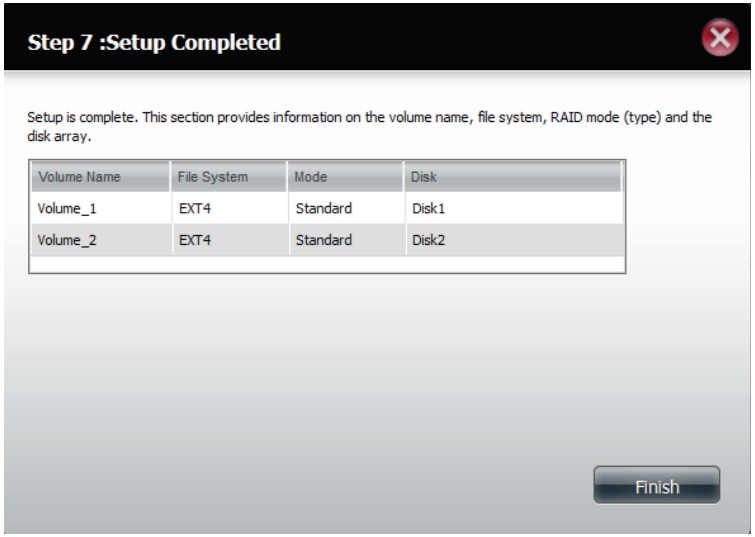
The system will now update all of the changes made.

Please be patient during this process. Do not turn off your NAS during this process.

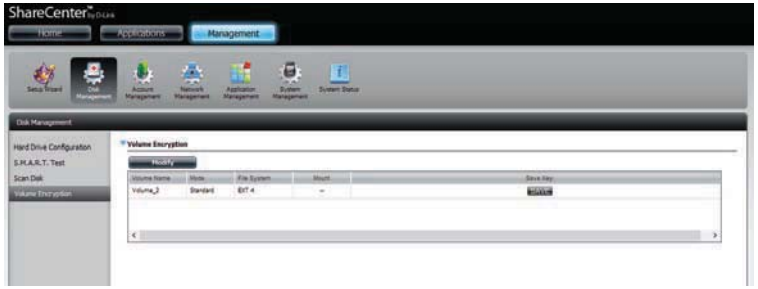


The wizard is now complete. It shows the **Volume number(s)**, **file system** selected, the type of **RAID**, and the **disk formation** in the RAID.

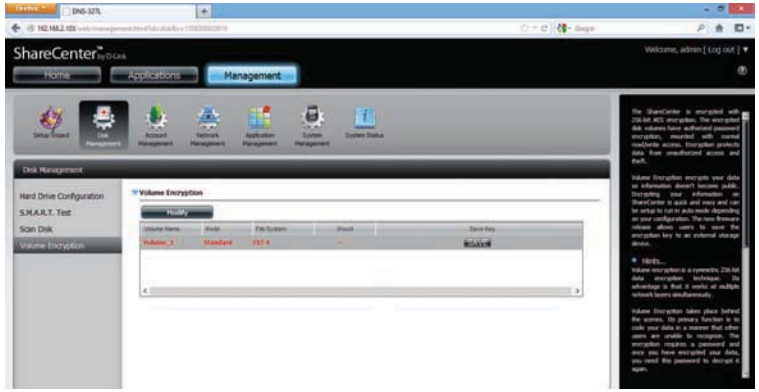
Click **Finish** to complete the process and start using your DNS-327L.



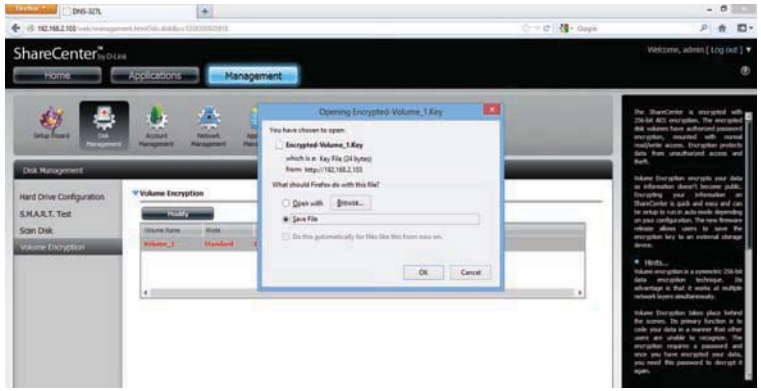
Confirm encryption on the **Volume** by going to **Management, Disk Management, Volume Encryption.**



Select the encrypted **Volume** and click the **Save** button. This will save the Encrypted Key on your local hard drive for future reference.



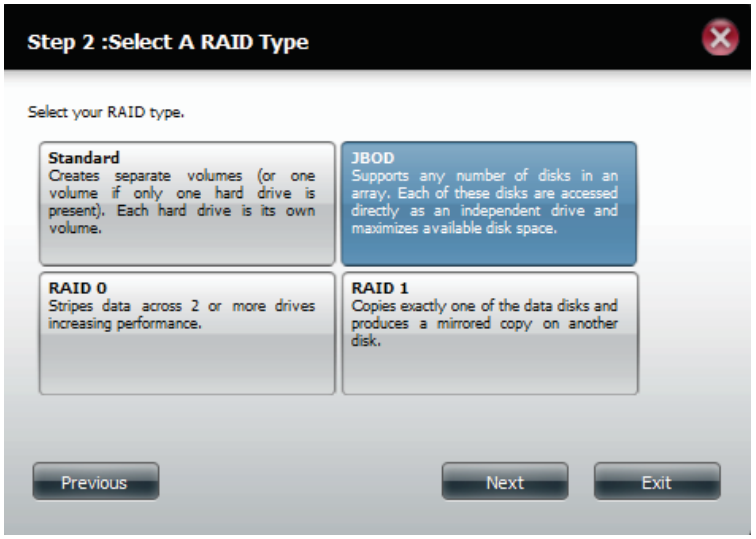
Save the file to your local hard drive. Depending on your browser, click OK to save



JBOD

Select **JBOD** to create a single volume from all of the drives.

Click **Next** to continue.

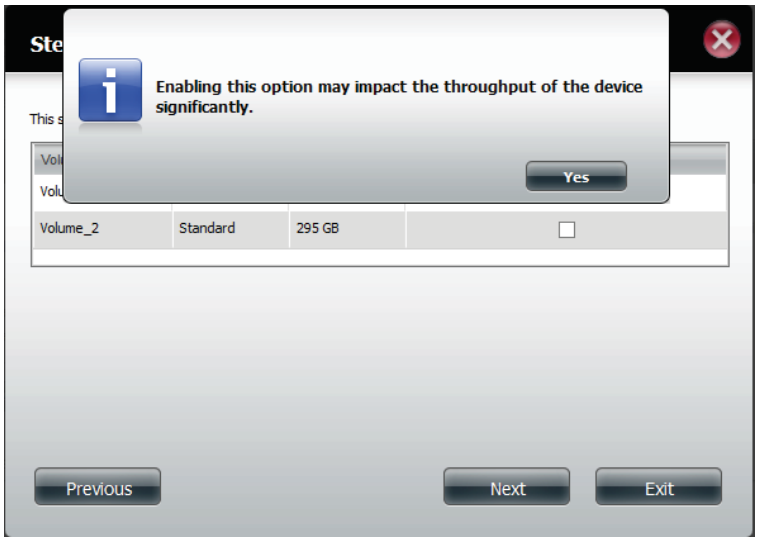

Step 2 :Select A RAID Type
Select your RAID type.
Standard
Creates separate volumes (or one volume if only one hard drive is present). Each hard drive is its own volume.
JBOD
Supports any number of disks in an array. Each of these disks are accessed directly as an independent drive and maximizes available disk space.
RAID 0
Stripes data across 2 or more drives increasing performance.
RAID 1
Copies exactly one of the data disks and produces a mirrored copy on another disk.
Previous
Next
Exit

Volume Encryption encodes your Volumes to keep it safe from hackers. Select the Volume you wish to encrypt by clicking in the box next to it. You can select one Volume or many.

Click **Next** to continue.

A warning messege appears indicating a slowdown in access speeds.

Click **Yes** to continue.



Click **Auto Mount** if you wish the encrypted file to be automatically mounted. Enter a **password** and re-enter the same **password** to verify your settings.

Click **Next** to continue, **Previous** to edit any settings, or **Exit** to leave the configuration process.

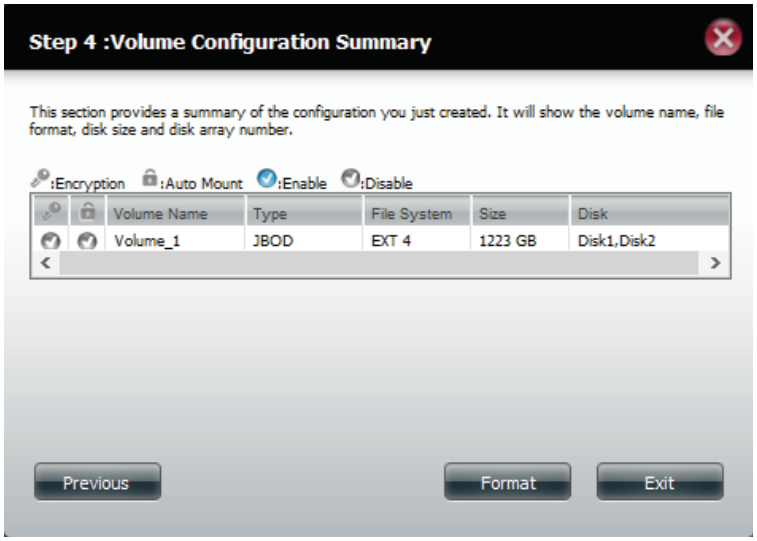
Step 3-1 :Volume_2 Encryption
This section allows you to set up a password for the selected drive. Select Auto Mount to automatically mount the encrypted drives without re-entering the password every time upon boot up.
Auto Mount
Input Encryption Password :
Verify Encryption Password :
Previous
Next
Exit

If you do not enter a password in the field provided, a message will prompt you to do so. Click **Yes** to enter **Auto Mount** and **Password** details.

Click **Next** to continue.

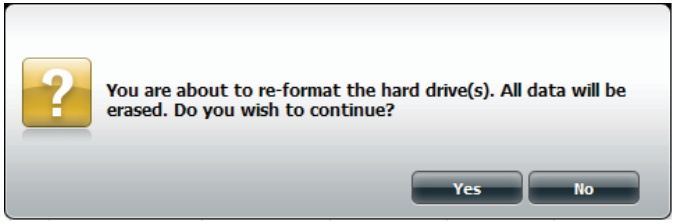
The **Volume Configuration Summary**, shows a mapping of the **Volume Name,** the **RAID** type, the **File System** used, the **Size**, and the **Disk**.

Click **Format** to continue, **Previous** to go back to your past settings, or **Exit** to cancel any changes.

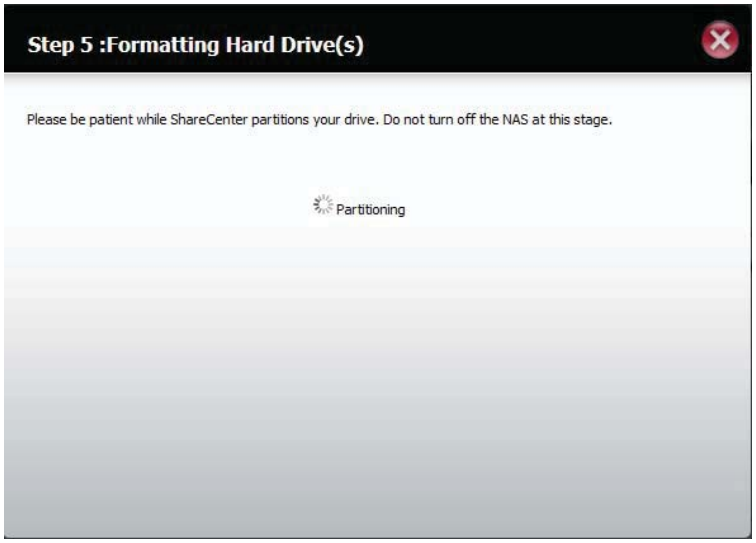


A warning message will appear to inform you that all volumes and data will be formatted and erased.

Click **Yes** to continue.

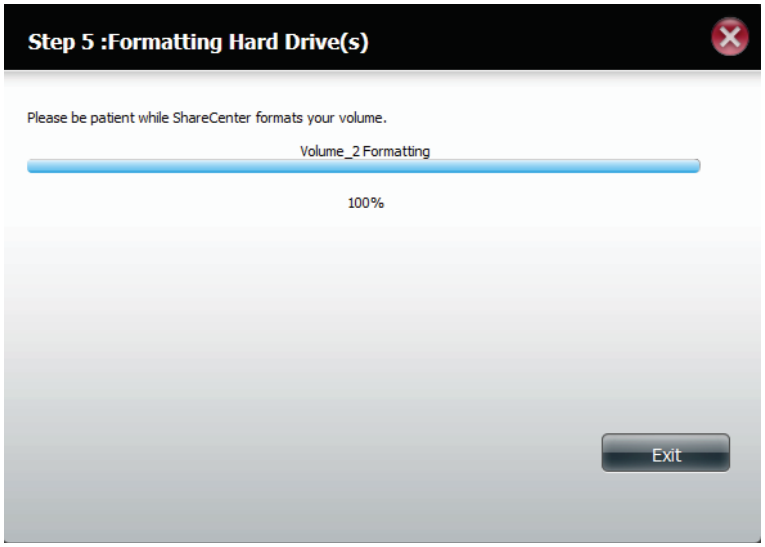


Partitioning will now begin. Please be patient while this process takes place. Do not turn off your NAS during this process.


Step 5 :Formatting Hard Drive(s)
Please be patient while ShareCenter partitions your drive. Do not turn off the NAS at this stage.
Partitioning

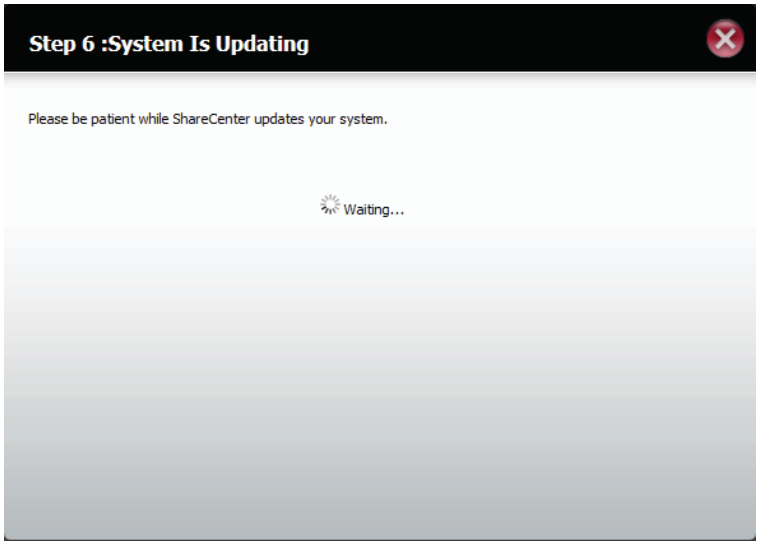
Once the partition is completed, the formatting process will begin. A graphical bar will show the volume being formatted. Do not turn off your NAS during this process.

If you would like to change your settings at this stage, click **Exit**.



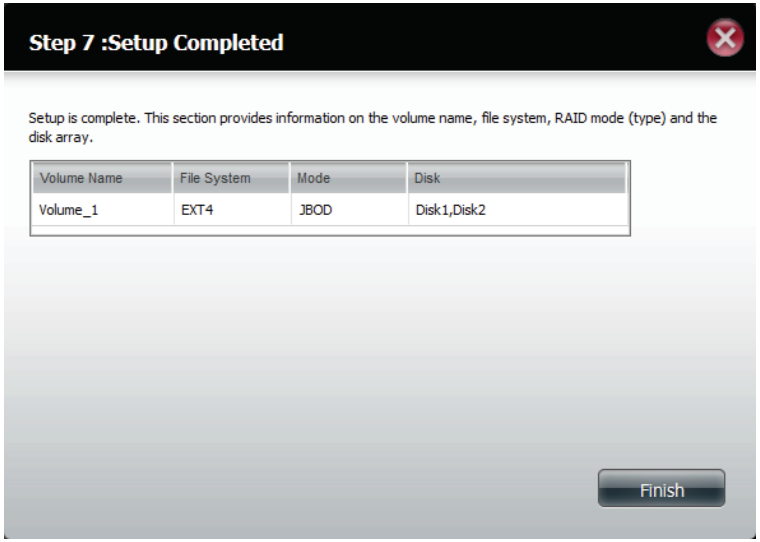
The system will now update all of the changes made.

Please be patient during this process. Do not turn off your NAS during this process.

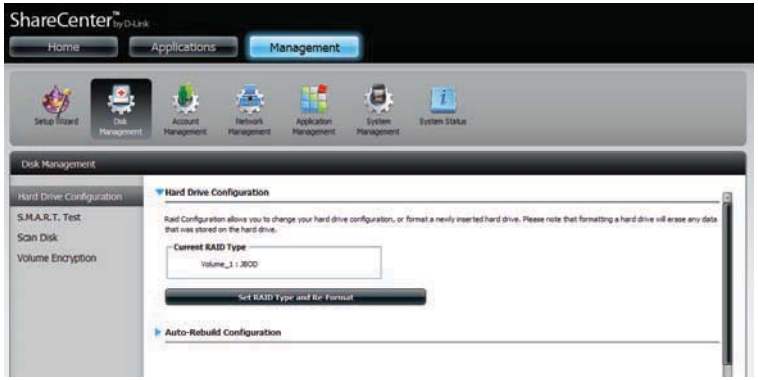


The wizard is now complete. It shows the **Volume number(s)**, **file system** selected, the type of **RAID**, and the **disk formation** in the RAID.

Click **Finish** to complete the process and start using your DNS-327L.



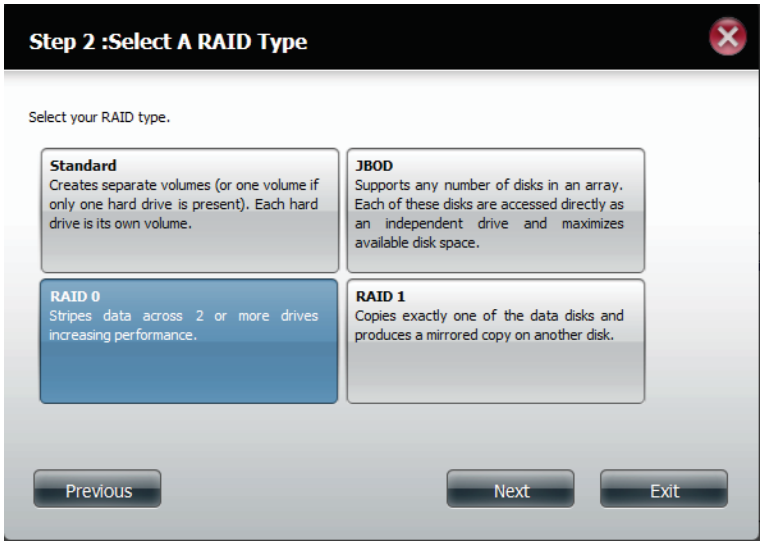
In order to confirm the **Volume** on the drive is encrypted. go to **Management, Disk Management, Volume Encryption.**



RAID 0

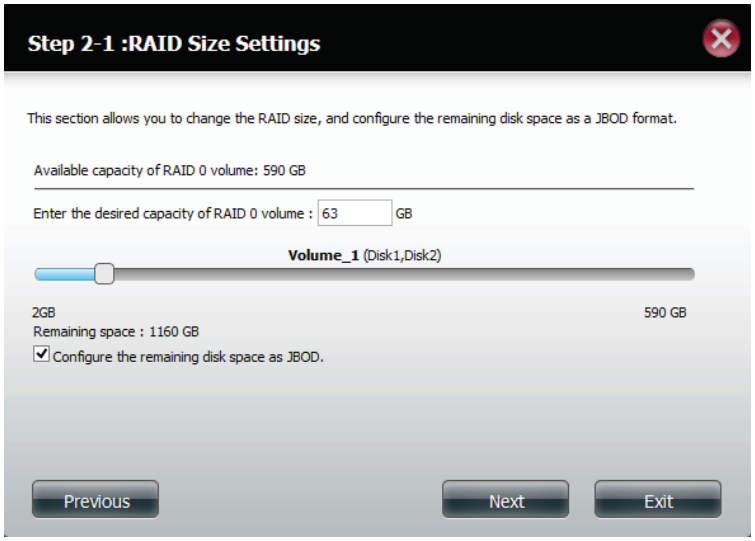
Select RAID 0 (stripes all of the drives).

Click **Next** to continue.


Step 2 :Select A RAID Type
Select your RAID type.
Standard
Creates separate volumes (or one volume if only one hard drive is present). Each hard drive is its own volume.
JBOD
Supports any number of disks in an array. Each of these disks are accessed directly as an independent drive and maximizes available disk space.
RAID 0
Stripes data across 2 or more drives increasing performance.
RAID 1
Copies exactly one of the data disks and produces a mirrored copy on another disk.
Previous
Next
Exit

RAID Size Settings allows you to tweak the size of the **RAID Volume**. Use the slider to change the RAID size or enter an amount in the field provided. Click the "**Configure the remaining disk space as JBOD**" if you wish to use the remaining space for another RAID configuration.

Click **Next** to continue.

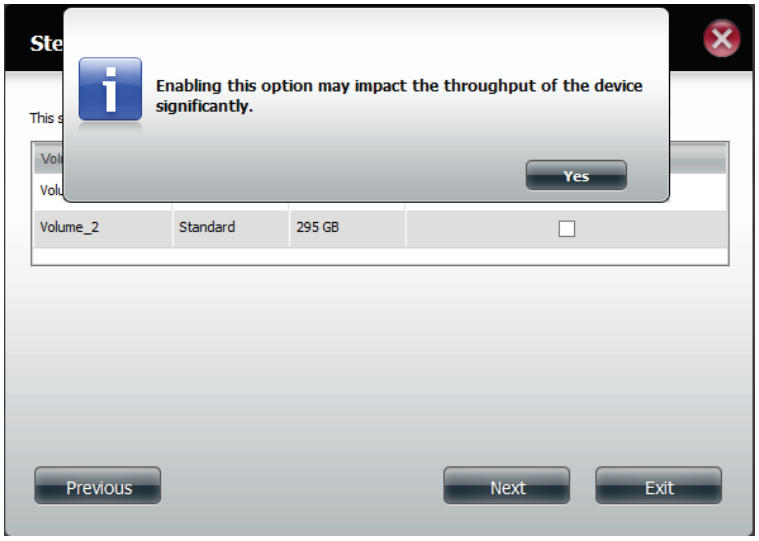

Step 2-1 :RAID Size Settings
This section allows you to change the RAID size, and configure the remaining disk space as a JBOD format.
Available capacity of RAID 0 volume: 590 GB
Enter the desired capacity of RAID 0 volume : 63 GB
Volume_1 (Disk1,Disk2)
2GB
590 GB
Remaining space : 1160 GB
Configure the remaining disk space as JBOD.
Previous
Next
Exit

Volume Encryption encodes your Volumes to keep it safe from hackers. Select the Volume you wish to encrypt by clicking in the box next to it. You can select one Volume or many.

Click **Next** to continue.

A warning messege appears indicating a slowdown in access speeds.

Click **Yes** to continue.



Click **Auto Mount** if you wish the encrypted file to be automatically mounted. Enter a **password** and re-enter the same **password** to verify your settings.

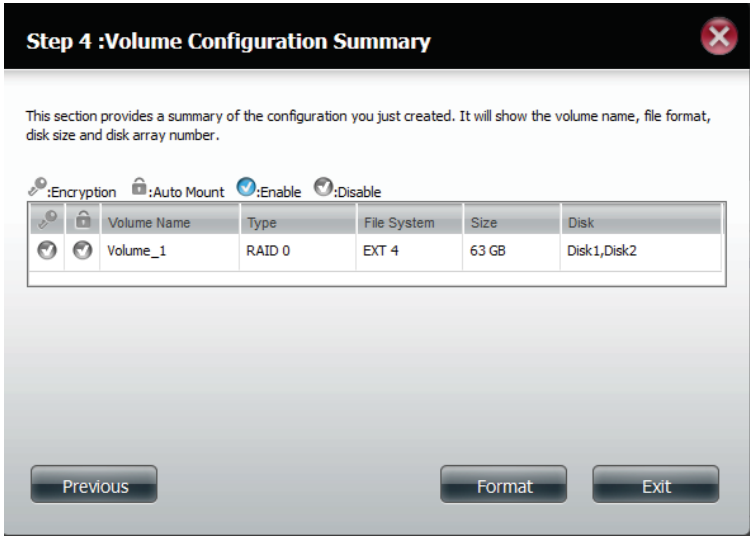
Click **Next** to continue, **Previous** to edit any settings, or **Exit** to leave the configuration process.

Step 3-1 :Volume_2 Encryption
This section allows you to set up a password for the selected drive. Select Auto Mount to automatically mount the encrypted drives without re-entering the password every time upon boot up.
Auto Mount
Input Encryption Password :
Verify Encryption Password :
Previous
Next
Exit

If you do not enter a password in the field provided, a message will prompt you to do so. Click **Yes** to enter **Auto Mount** and **Password** details.

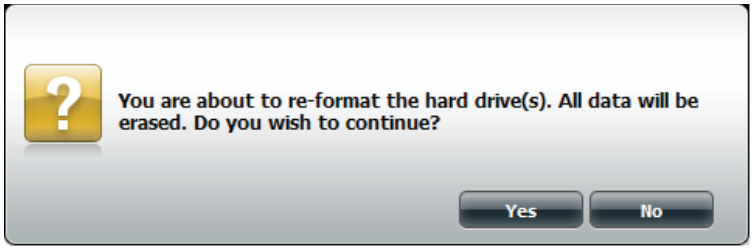
Click **Next** to continue.

The 'Volume Configuration Summary' shows details on all of the configured drives. Check the details on the list and click **Format** to continue or click **Previous** to make changes.

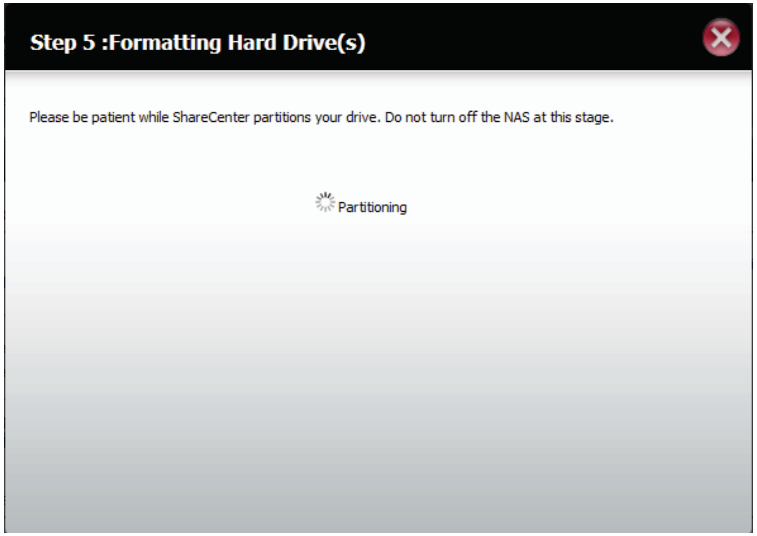


A warning message will appear to inform you that all volumes and data will be formatted and erased.

Click **Yes** to continue.

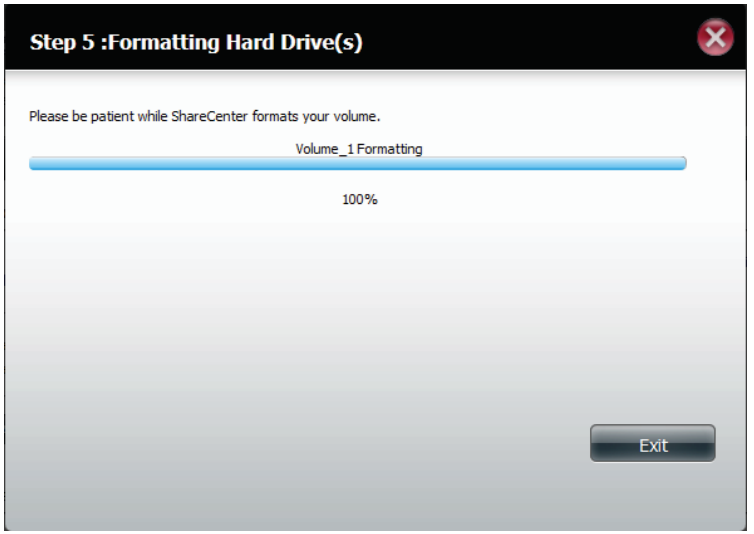


Partitioning will now begin. Please be patient while this process takes place. Do not turn off your NAS during this process.


Step 5 :Formatting Hard Drive(s)
Please be patient while ShareCenter partitions your drive. Do not turn off the NAS at this stage.
Partitioning

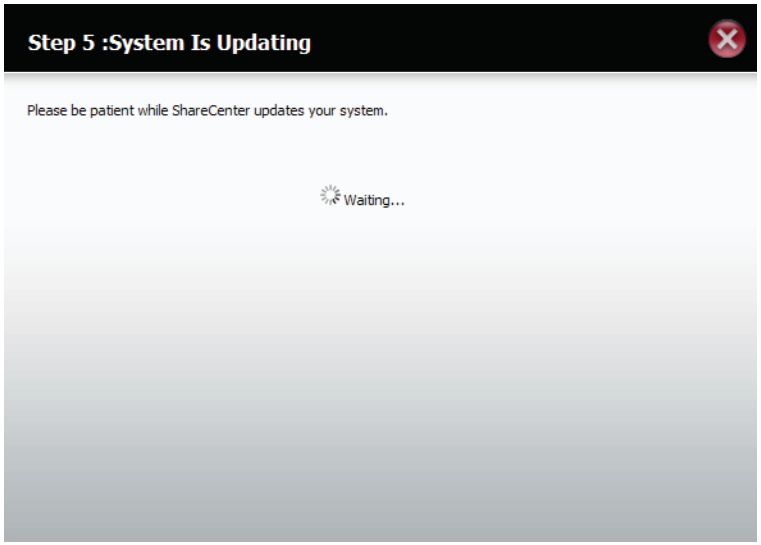
The system formats the Volume.

If you would like to change your settings at this stage, click **Exit**.



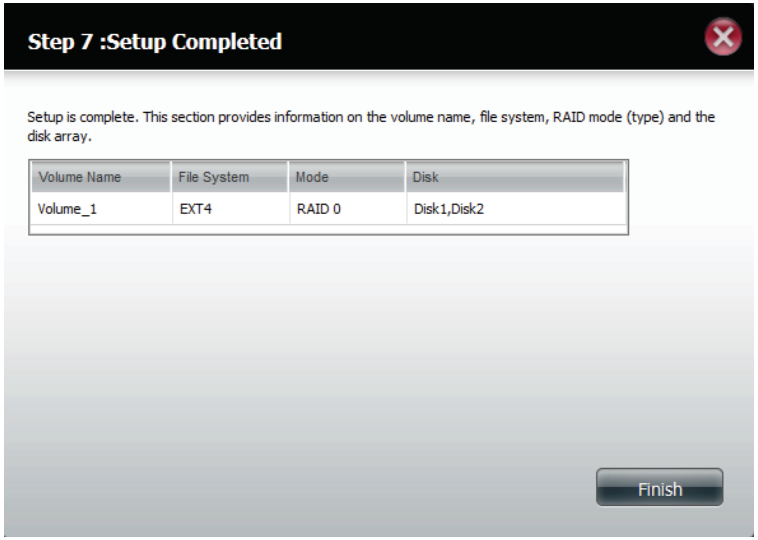
The system will now update all of the changes made.

Please be patient during this process. Do not turn off your NAS during this process.



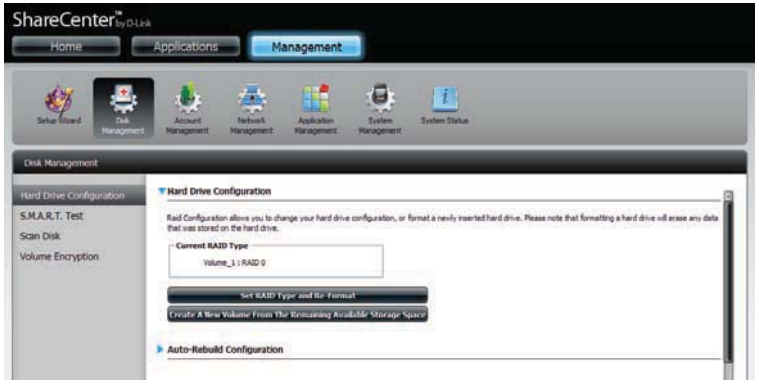
The wizard is now complete. It shows the **Volume number(s)**, **file system** selected, the type of **RAID**, and the **disk formation** in the RAID.

Click **Finish** to complete the process and start using your DNS-327L.



The wizard returns you to main **Hardware Configuration** page.

Under **Current RAID Typ**e, you can view your changes.



RAID 1

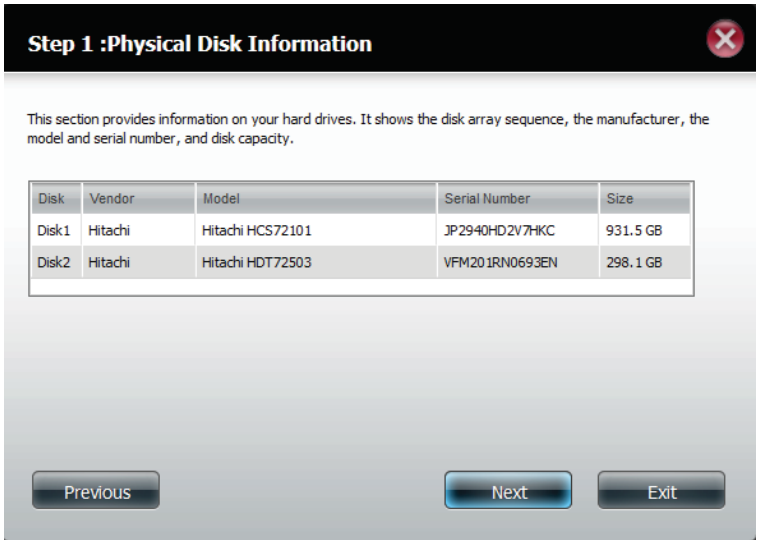
Select **RAID 1** to mirror all the hard drives.

Click **Next** to continue.

Welcome To Hard Drive Configuration Wizard
Change the hard drive configuration and format the new hard drive(s). All data stored on this drive will be erased when you format the drive(s). Click Next to continue.
This wizard will guide you through the following settings:
1.Physical Disk Information
2.Select A RAID Type
3.Volume Encryption
4.Volume Configuration Summary
5.Formatting Hard Drive(s)
6.System Is Updating
7.Setup Completed
Next
Exit

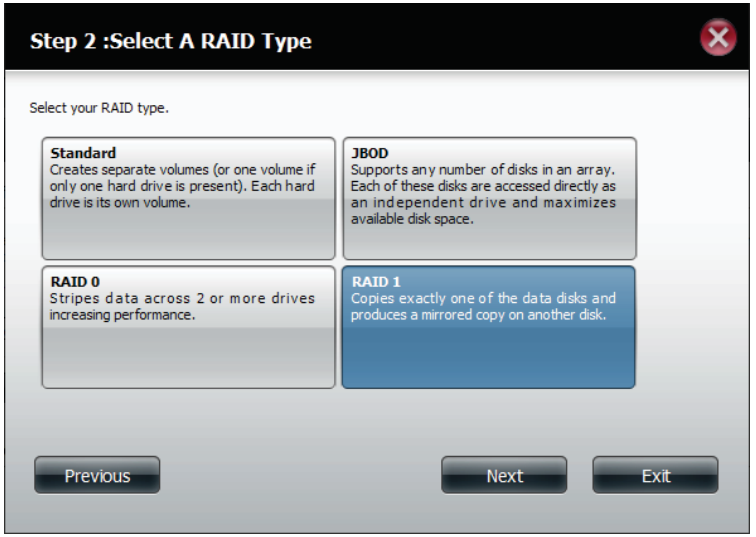
View the **Physical Disk Information**.

Click **Next** to continue.



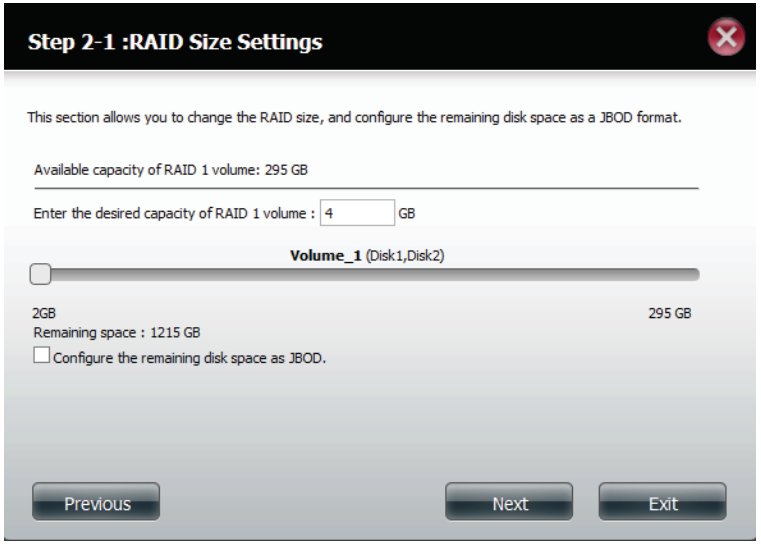
Select the **RAID TYPE** you want

Click **Next** to continue.


Step 2 :Select A RAID Type
Select your RAID type.
Standard
Creates separate volumes (or one volume if only one hard drive is present). Each hard drive is its own volume.
JBOD
Supports any number of disks in an array. Each of these disks are accessed directly as an independent drive and maximizes available disk space.
RAID 0
Stripes data across 2 or more drives increasing performance.
RAID 1
Copies exactly one of the data disks and produces a mirrored copy on another disk.
Previous
Next
Exit

RAID Size Settings allows you to tweak the size of the **RAID Volume**. Use the slider to change the RAID size or enter an amount in the field provided. Click the "**Configure the remaining disk space as JBOD**" if you wish to use the remaining space for another RAID configuration.

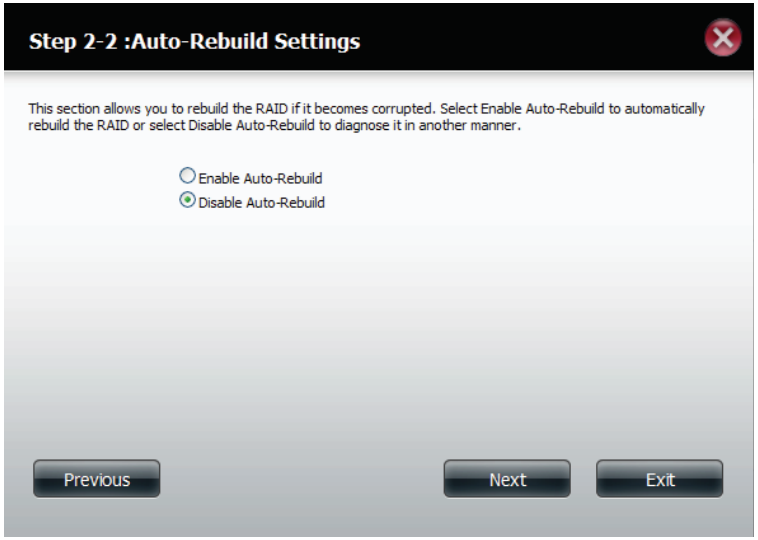
Click **Next** to continue.


Step 2-1 :RAID Size Settings
This section allows you to change the RAID size, and configure the remaining disk space as a JBOD format.
Available capacity of RAID 1 volume: 295 GB
Enter the desired capacity of RAID 1 volume : 4 GB
Volume_1 (Disk1,Disk2)
2GB
295 GB
Remaining space : 1215 GB
Configure the remaining disk space as JBOD.
Previous
Next
Exit

Click **Enable Auto-Rebuild** to automatically rebuild a failed drive if it has been replaced with a new one.

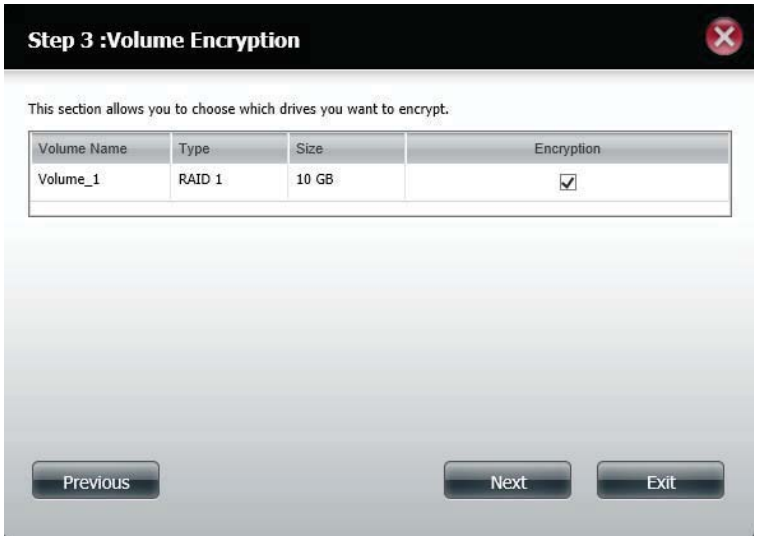
Select **Disable Auto-Rebuild** if you want to start the rebuild process manually after replacing a failed drive.

Click **Next** to continue.


Step 2-2 :Auto-Rebuild Settings
This section allows you to rebuild the RAID if it becomes corrupted. Select Enable Auto-Rebuild to automatically rebuild the RAID or select Disable Auto-Rebuild to diagnose it in another manner.
Enable Auto-Rebuild
Disable Auto-Rebuild
Previous
Next
Exit

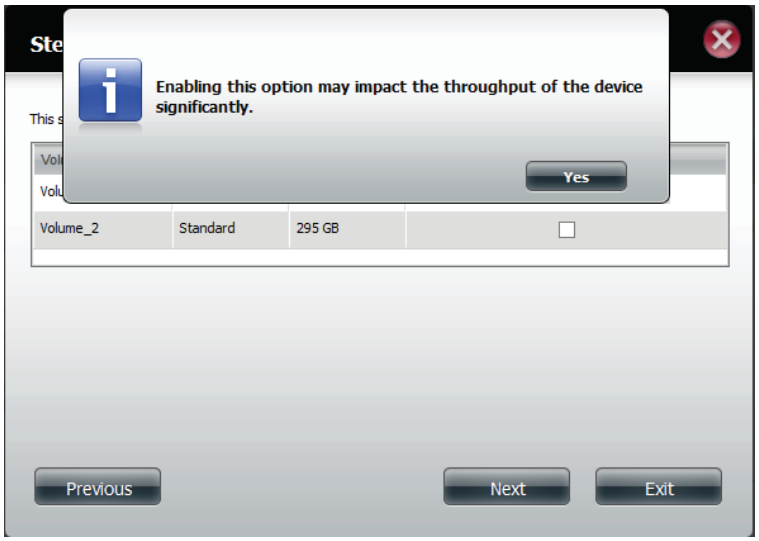
Volume Encryption encodes your Volumes to keep it safe from hackers. Select the Volume you wish to encrypt by clicking in the box next to it. You can select one Volume or many.

Click **Next** to continue.



A warning messege appears indicating a slowdown in access speeds.

Click **Yes** to continue.



Click **Auto Mount** if you wish the encrypted file to be automatically mounted. Enter a **password** and re-enter the same **password** to verify your settings.

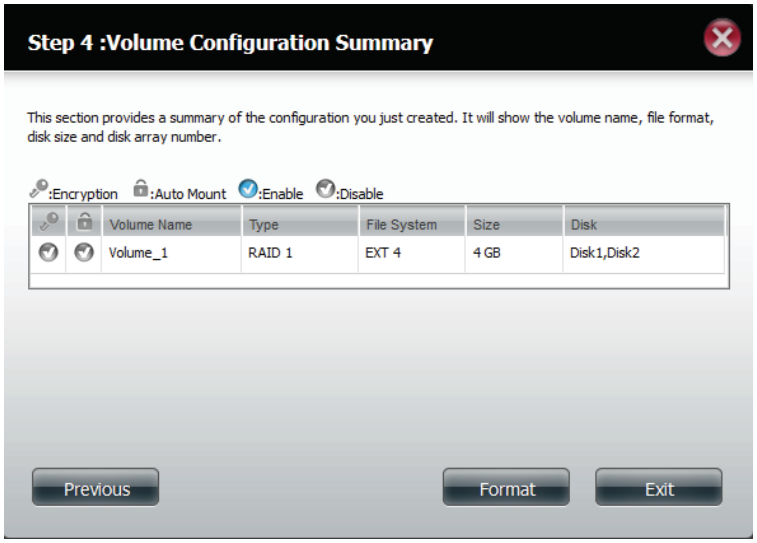
Click **Next** to continue, **Previous** to edit any settings, or **Exit** to leave the configuration process.

Step 3-1 :Volume_2 Encryption
This section allows you to set up a password for the selected drive. Select Auto Mount to automatically mount the encrypted drives without re-entering the password every time upon boot up.
Auto Mount
Input Encryption Password :
Verify Encryption Password :
Previous
Next
Exit

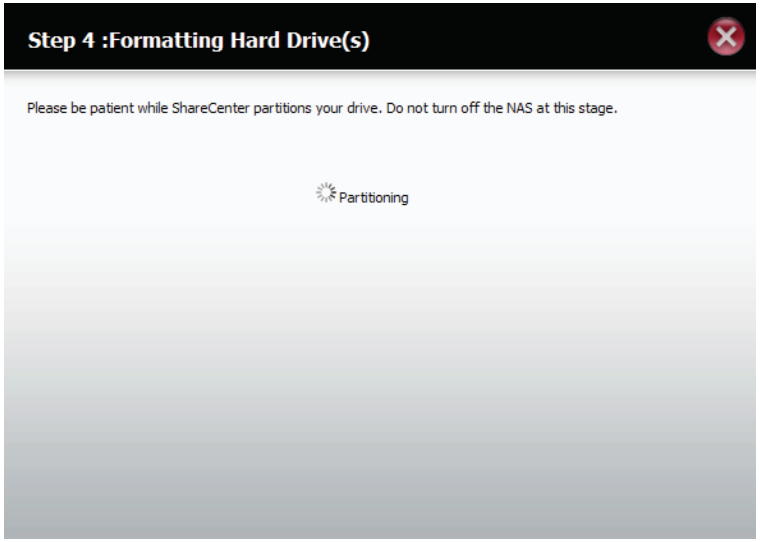
If you do not enter a password in the field provided, a message will prompt you to do so. Click **Yes** to enter **Auto Mount** and **Password** details.

Click **Next** to continue.

The 'Volume Configuration Summary' shows details on all of the configured drives. Check the details on the list and click **Format** to continue or click **Previous** to make changes.

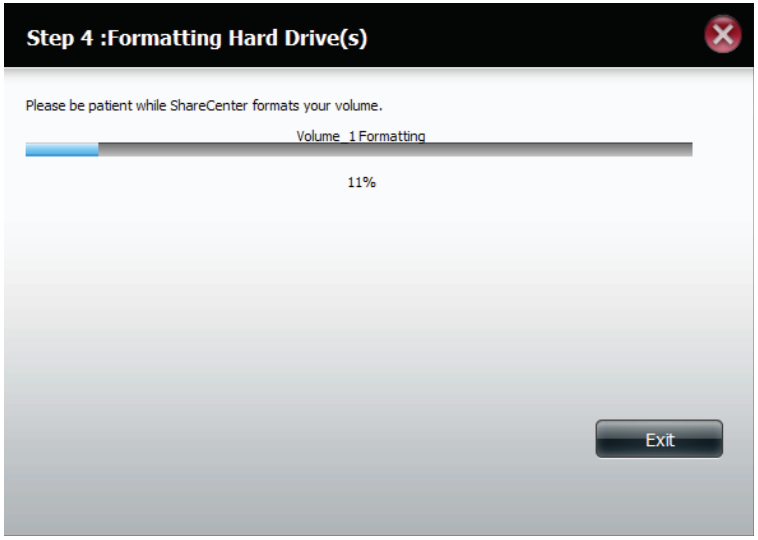


Partitioning will now begin. Please be patient while this process takes place. Do not turn off your NAS during this process.

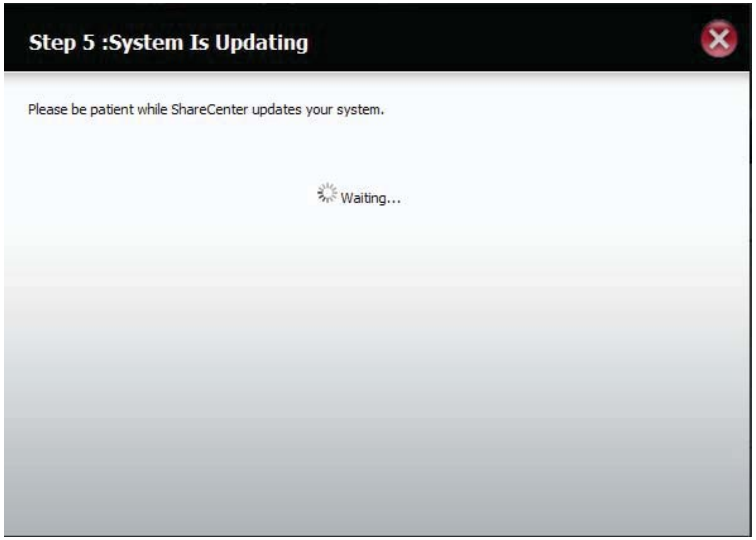

Step 4 :Formatting Hard Drive(s)
Please be patient while ShareCenter partitions your drive. Do not turn off the NAS at this stage.
Partitioning

The system formats the Volume.

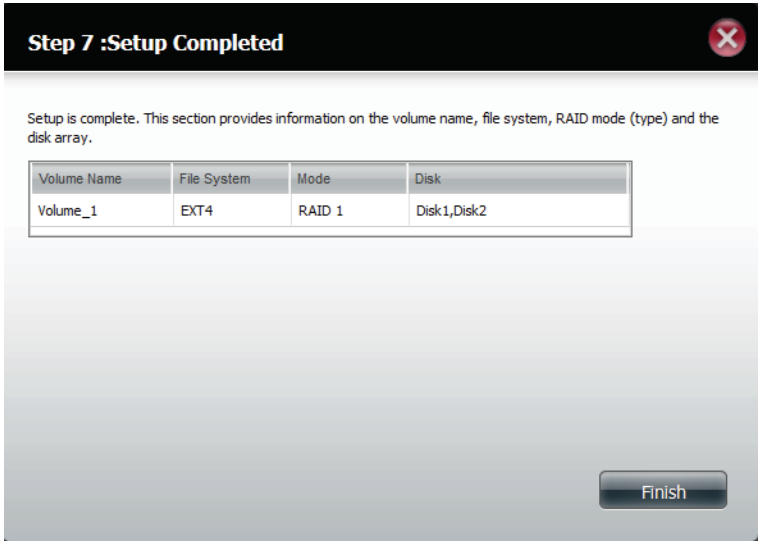
If you would like to change your settings at this stage, click **Exit**.



The system updates.

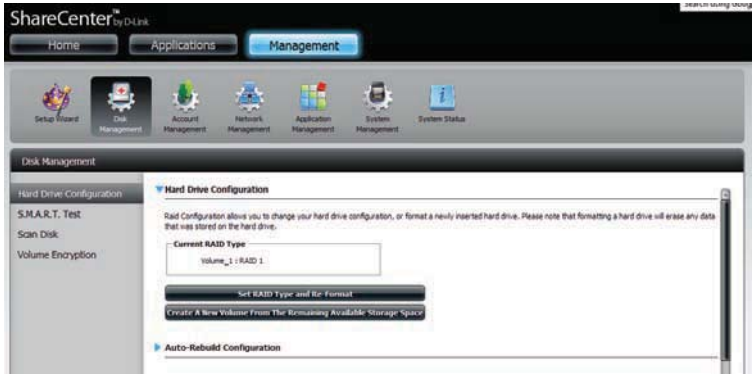


Setup is complete. Setup provides a **Volume Name, File System, and Mode.**



Once you have completed the wizard. ShareCenter™ will return to the main screen.

The RAID 1 configuration you just set will be displayed.



Upgrade from Standard Mode to RAID 1

Standard Mode doesn't offer any redundancy and security of data. It is best then to migrate from Standard Mode to RAID 1. To do this follow these instructions:

Step 1 - Insert a second hard drive into the DNS-327L.

Step 2 - Replace the top and restart the DNS-327L.

Step 3 - Go to Management, Disk Management, Hard Drive Configuration. There are two options available: **Set RAID Type and Re-Format** or **Format the new drive as Standard type**. If you select the latter option your **Hard Drive Configuration Wizard** shows six procedures but if you select the **Set RAID Type and Re-Format**, the **Hard Drive Configuration Wizard** only has four procedures. Take a look at the two images below to compare.

Click **Next** to continue.

Welcome To Hard Drive Configuration Wizard
Change the hard drive configuration and format the new hard drive(s). All data stored on this drive will be erased when you format the drive(s). Click Next to continue.
This wizard will guide you through the following settings:
1.Physical Disk Information
2.Select A RAID Type
3.Volume Encryption
4.Volume Configuration Summary
5.Formatting Hard Drive(s)
6.System Is Updating
7.Setup Completed
Next
Exit

Format the new drive as Standard type.

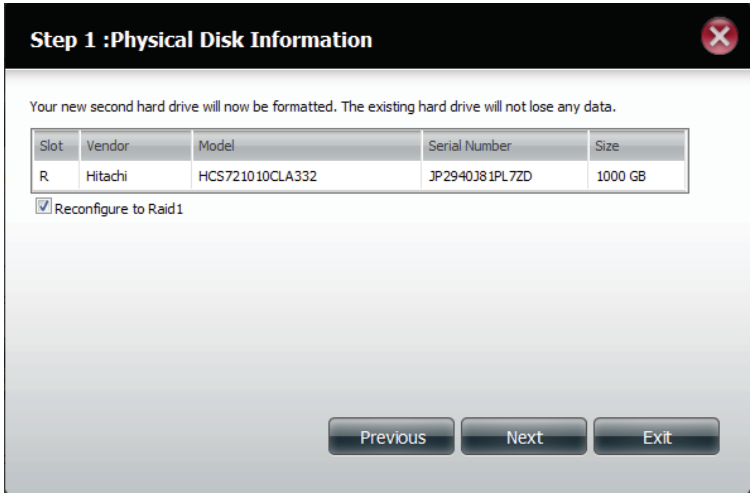
Step 1 :Physical Disk Information
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.
1.Physical Disk Information
2.Formatting Hard Drive(s)
3.System Is Updating
4.Setup Completed
Next
Exit

Set RAID Type and Re-Format.

Step 4 - Under **Physical Disk Information**, you will be able to see the drive you just installed. It provides the **slot location**, **vendor**, **model number**, serial number, and **disk size**.

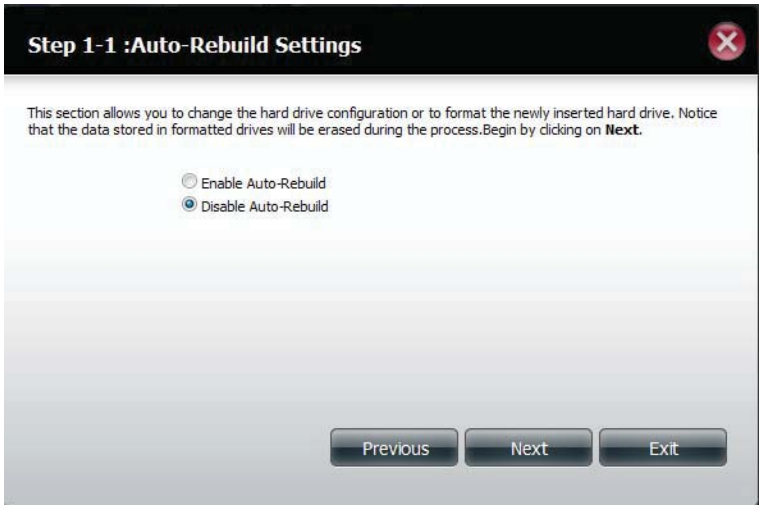
Just below this informational box is a **checkbox** that offers you the option to **Reconfigure** the drive to **RAID 1**. Click the checkbox to proceed.

Click **Next** to continue.



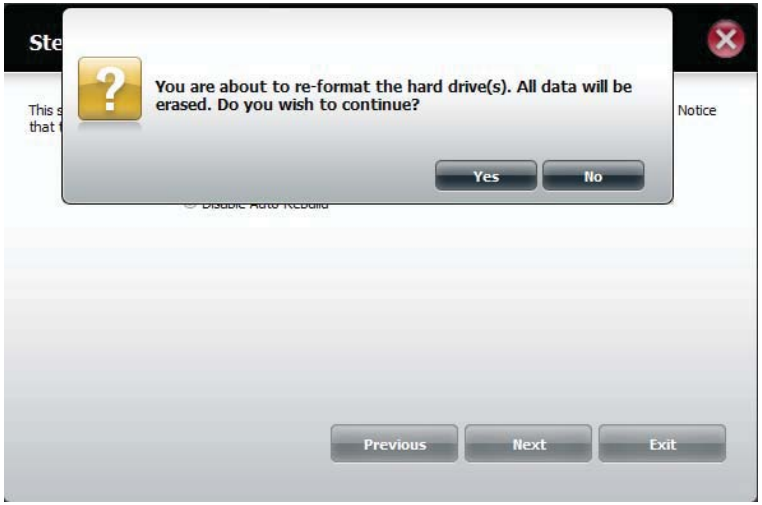
Step 5 - Under **Auto-Rebuild Settings**, select whether you want to **enable auto rebuild** or **disable auto rebuild**.

Click **Next** to continue.

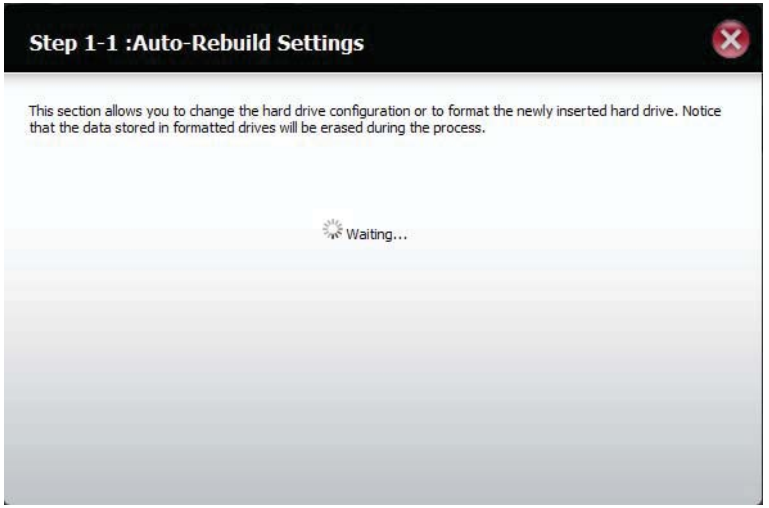

Step 1-1 :Auto-Rebuild Settings
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.Begin by clicking on Next.
Enable Auto-Rebuild
Disable Auto-Rebuild
Previous
Next
Exit

Step 6 - A warning message will appear prompting you to confirm whether you want to format your hard drive. Click **Yes** to continue or **No** to exit.

Click **Next** to continue.

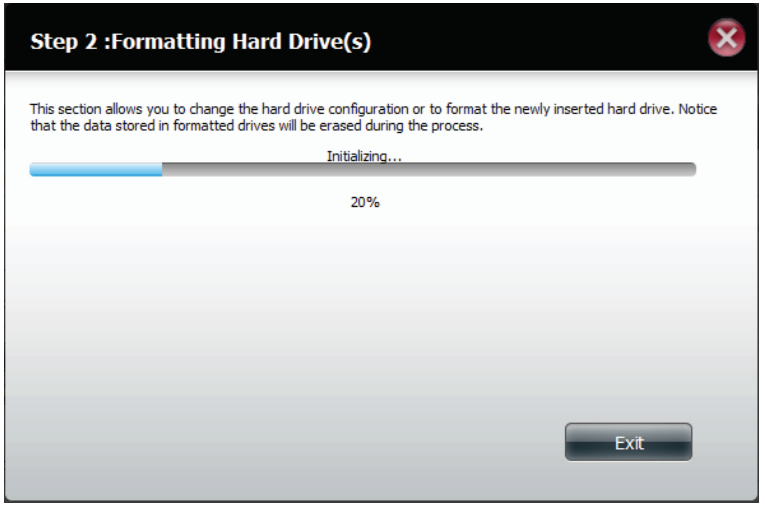


Step 7 - The software communicates with the hardware to build a list.


Step 1-1 :Auto-Rebuild Settings
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.
Waiting...

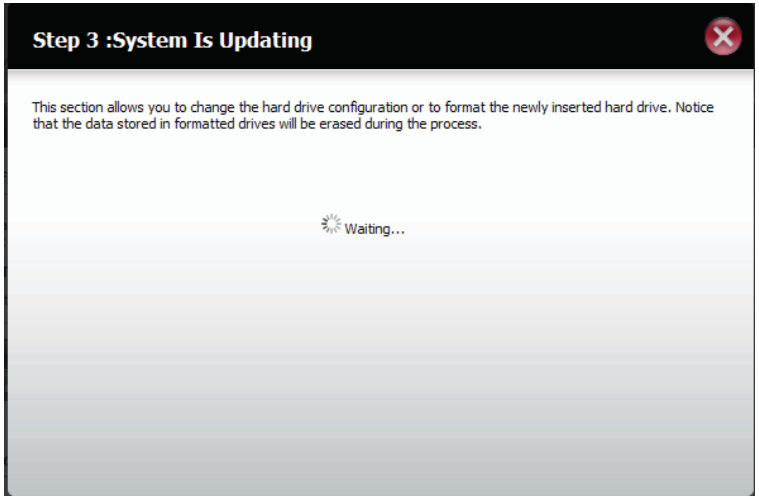
Step 8 - The Wizard formats the hard drive.

Click **Next** to continue.


Step 2 :Formatting Hard Drive(s)
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.
Initializing...
20%
Exit

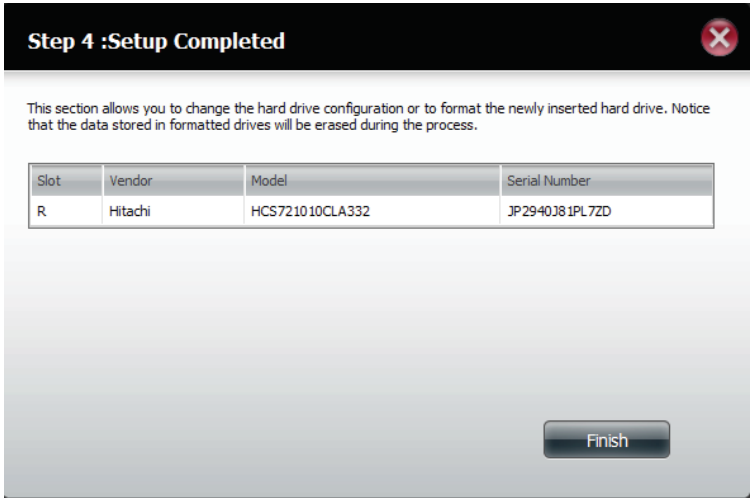
Step 9 - The System updates.

Click **Next** to continue.

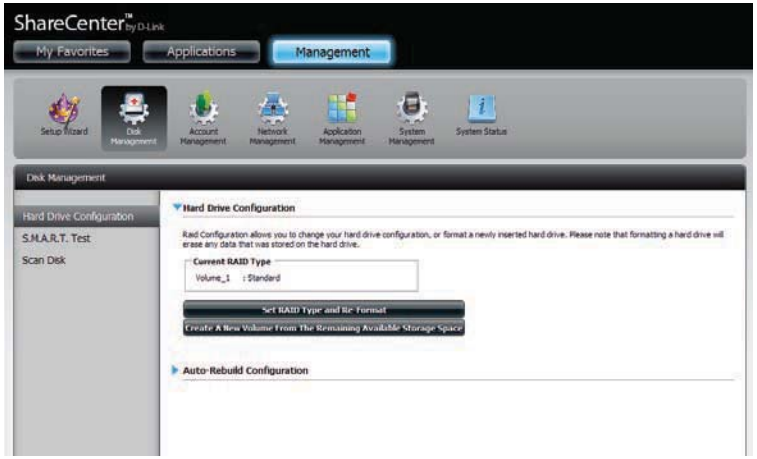

Step 3 :System Is Updating
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.
Waiting...

Step 10- Setup is completed when it shows final information on the slot, vendor, model number, and serial number.

Click **Finish** to continue.


Step 4 :Setup Completed
This section allows you to change the hard drive configuration or to format the newly inserted hard drive. Notice that the data stored in formatted drives will be erased during the process.
Slot
Vendor
Model
Serial Number
R
Hitachi
HCS721010CLA332
JP2940J81PL7ZD
Finish

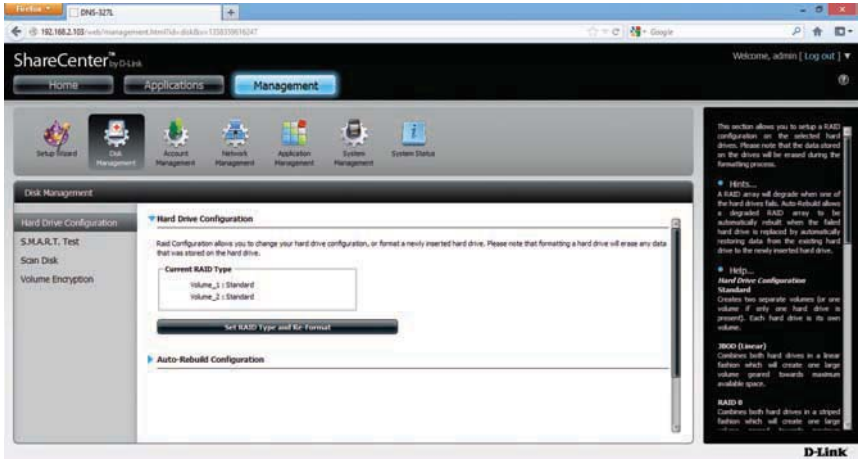
Step 11 - The wizard returns to the main Hard Drive Configuration .



S.M.A.R.T. Test

S.M.A.R.T stands for "Self-Monitoring, Analysis, and Reporting Technology". This is a system on a hard drive used to monitor and report on the health of the drive. If the HD is grayed out, then it does not support S.M.A.R.T.

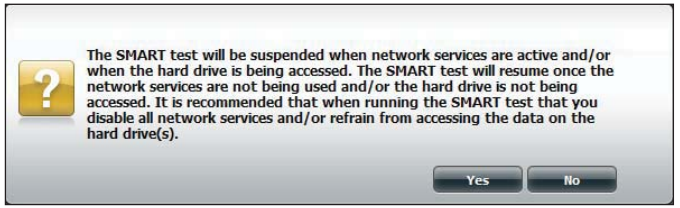
To run the S.M.A.R.T test, select the hard drive you wish to perform the S.M.A.R.T test on. Select whether to run a Quick or Extended S.M.A.R.T test. Then click **Start** to run the test. Click the **Create Schedule** button to run the test at a pre-determined time and date.



The Quick Test usually takes less than 10 minutes. This test will check the electrical, mechanical, and read performance of the hard drive. The results are displayed as Passed/Failed on the web UI and can also be sent as an e-mail alert.

The Extended Test requires a lot more time to complete. However, it is a more thorough when compared to the Quick Test

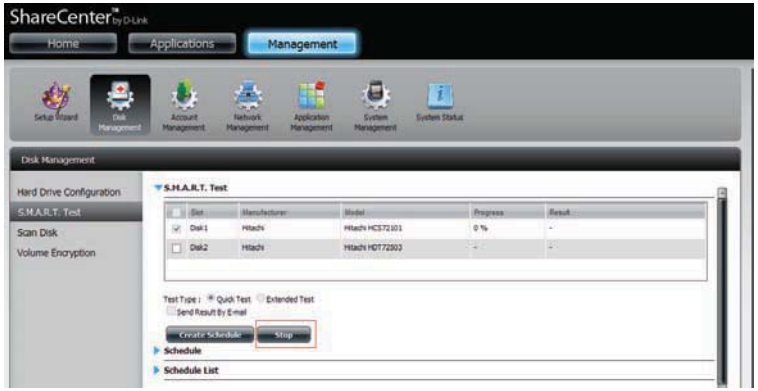
A warning message will prompt you to stop all services and network activity.


The SMART test will be suspended when network services are active and/or when the hard drive is being accessed. The SMART test will resume once the network services are not being used and/or the hard drive is not being accessed. It is recommended that when running the SMART test that you disable all network services and/or refrain from accessing the data on the hard drive(s).
Yes
No

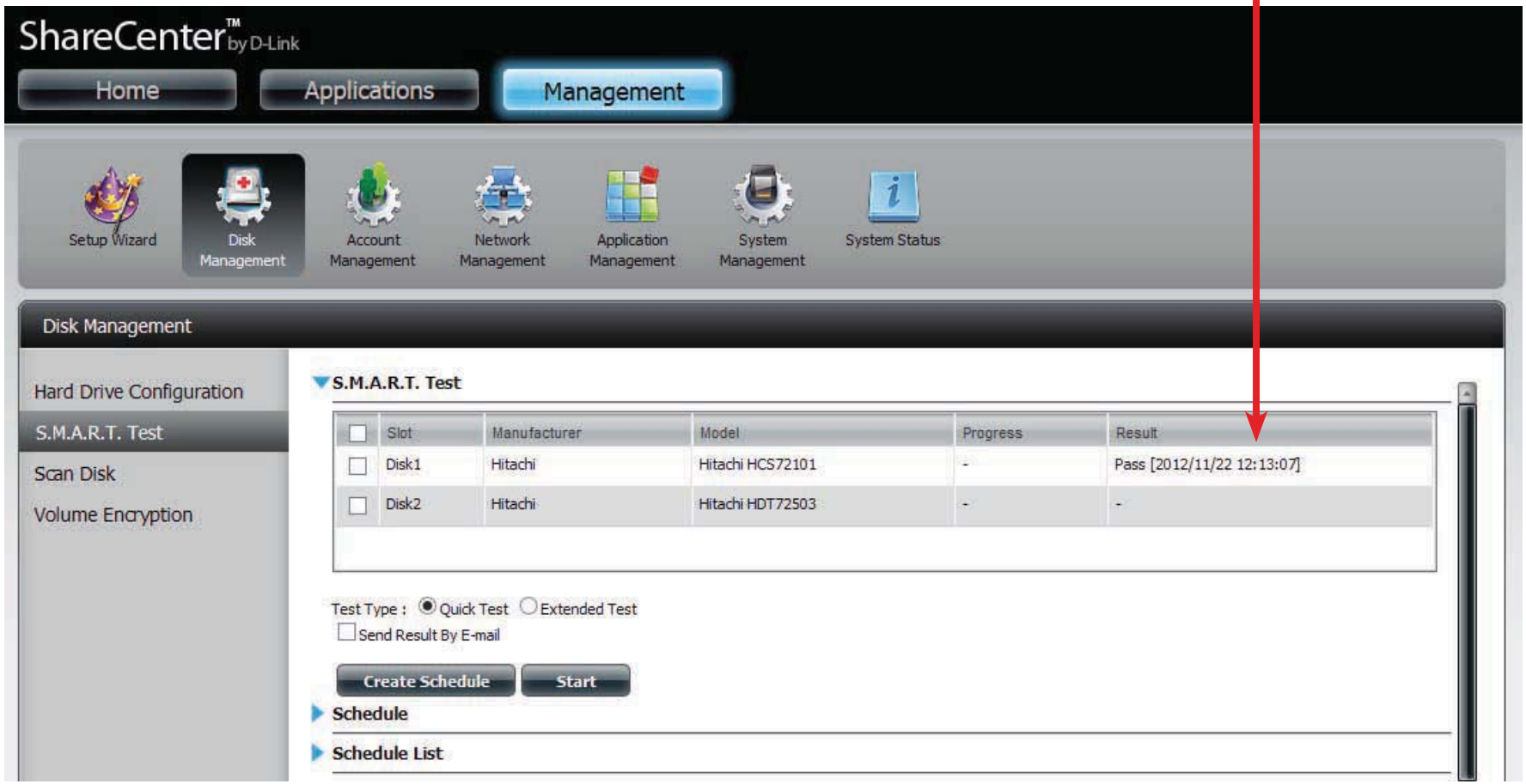
Click **Yes** to continue the **Quick S.M.A.R.T.** test.

The test will run and a percentage completed will display under the Progress Tab.

The Start button will change to a Stop button.



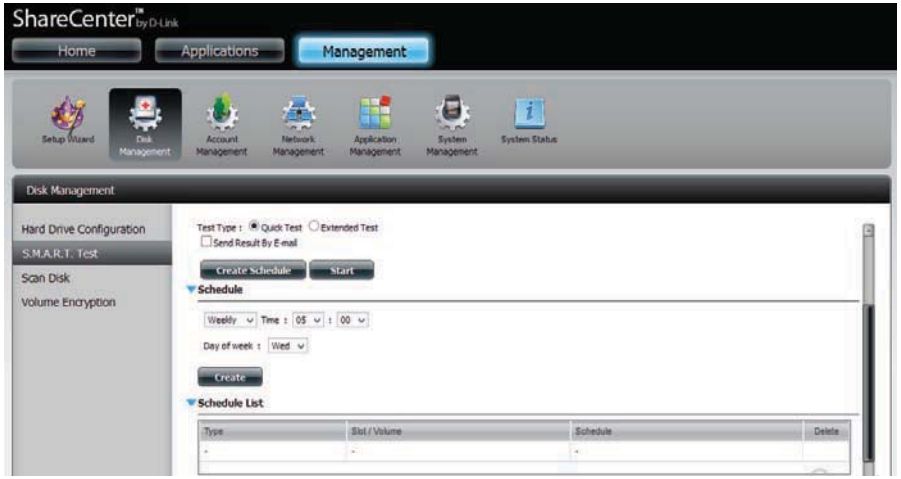
When the test is complete, the results will be displayed in the **Result** column.



Creating a Schedule

To create a schedule, select the disks/volumes to run the test on. Under Schedule, select the period (Daily/Weekly/Monthly) and then select the time from the drop-down menu.

Click **Create**



To view the Schedule List, click on the **Schedule List** arrow. A new table will appear showing details of the new schedule created.

To delete a schedule, click on the **Trash Can**.

Scan Disk

Scan Disk provides a method to test the disk's file system on your ShareCenter™ . Scan Disk scans your disks file system for errors and/or corruption.

Click **Management**, **Disk Management**, and then **Scan Disk**.

Select the volume from the drop-down list you wish to scan.

Click **Scan Disk**

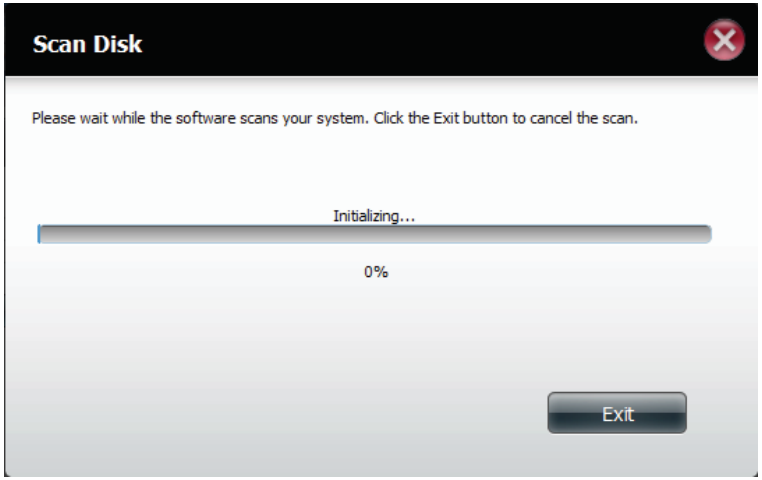
A warning message will prompt you to stop running all services (hard drive and network activity).

Click **Yes** to proceed or **No** to cancel.

Suspend all data transmissions and data activity to the hard drive(s) before starting Scan Disk. It is also recommended to suspend all network activity.
Yes
No

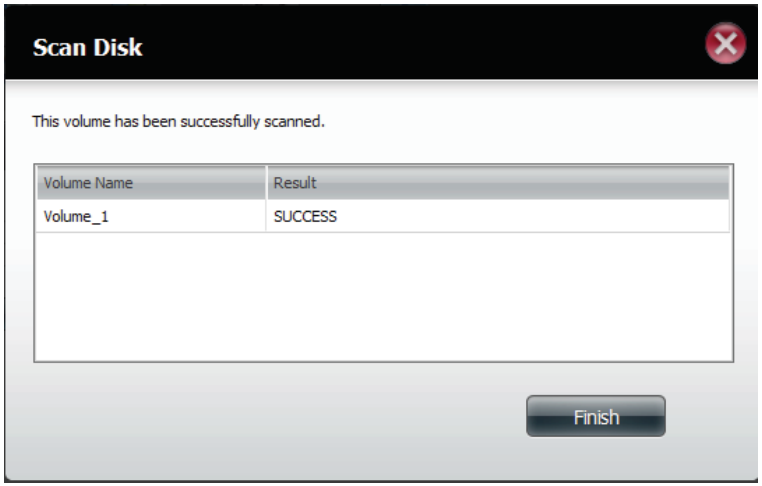
The DNS-327L will initialize the volume(s) and begin scanning.

Please wait while the software scans the volume(s) or click **Exit** to cancel the scan.



When the scan is complete, the table will either display **Success** or **Failure**.

Click **Finish** to exit.



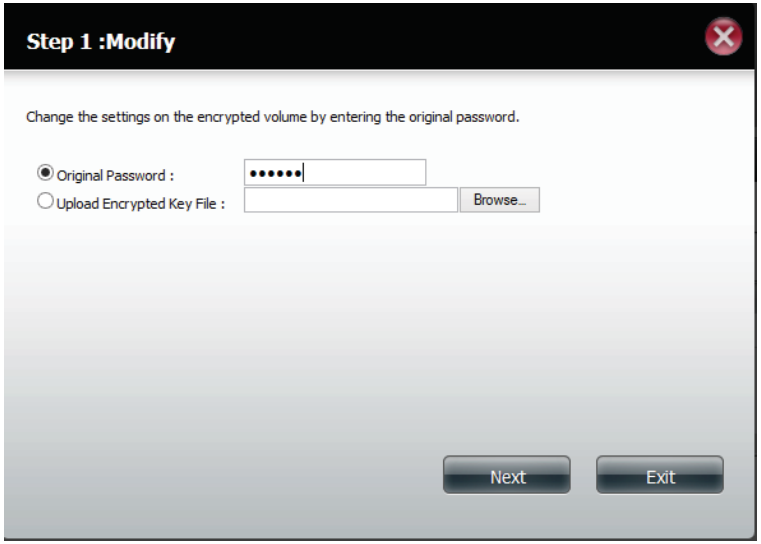
Volume Encryption

Click **Management**, **Disk Management**, **Volume Encryption.** The encrypted **Volume** that you created during the **Setup Wizard** is shown.

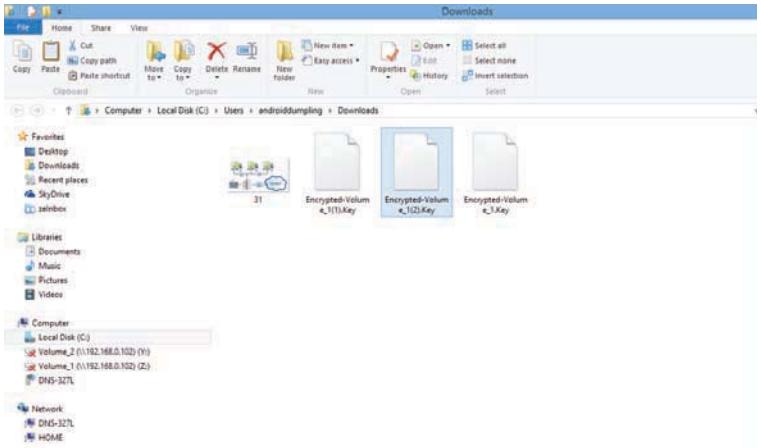
Before proceeding with modifying the encryption data, click the Volume you wish to modify. It turns red. Click **Modify**.

To change the settings for **Volume Encryption**, you need to enter the **Original Password** in the field provided. Alternatively, click the **browse** button to upload an **Encrypted Key File**.

Click **Next** to continue.

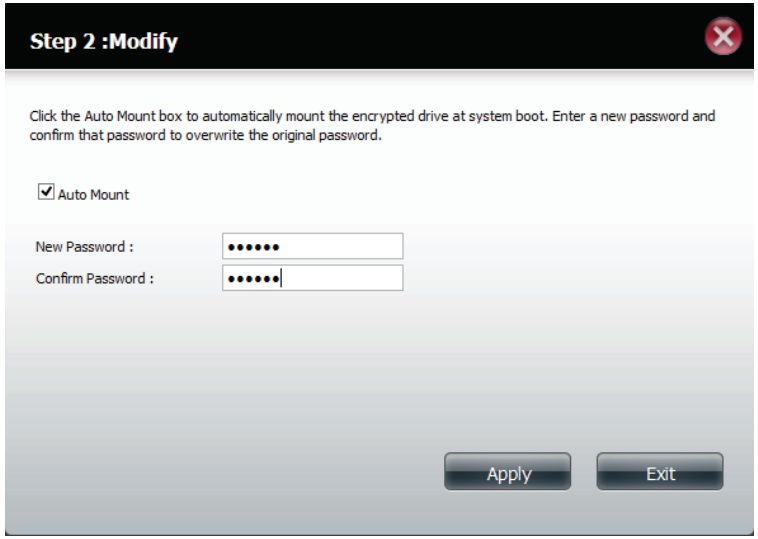


File upload.

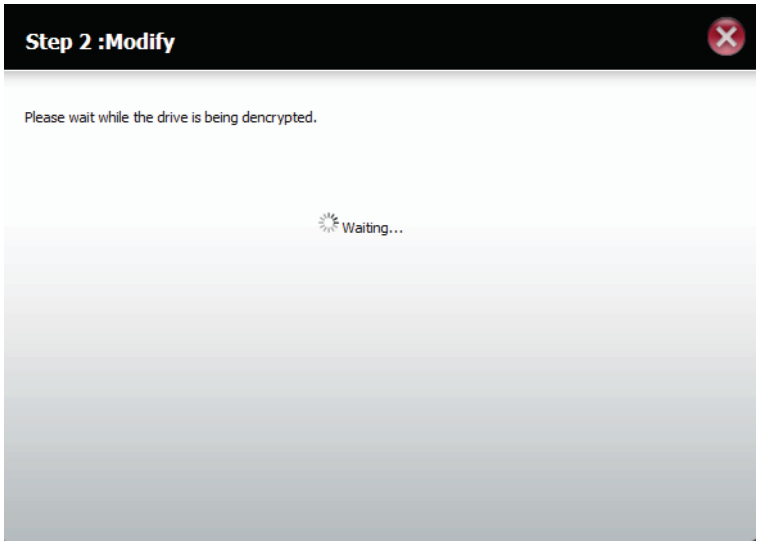


Click the Auto-Mount checkbox to have the system mount the Volume automatically. Enter a New Password and repeat the process.

Click **Apply** to continue.

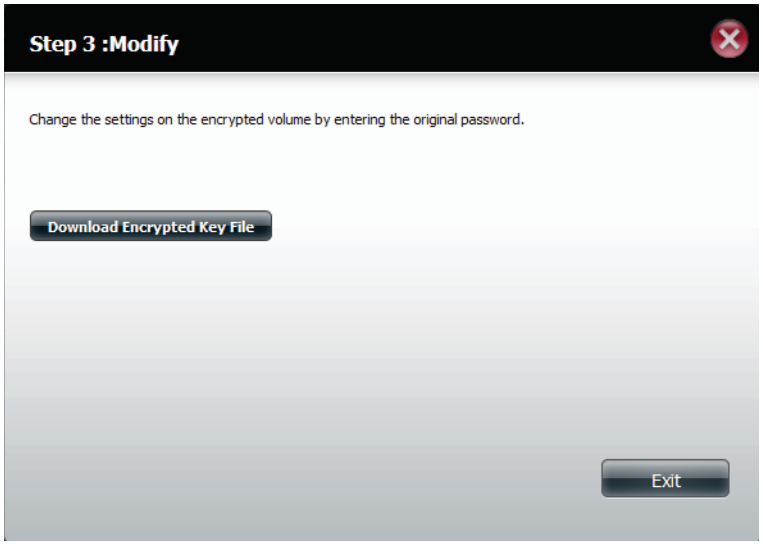

Step 2 :Modify
Click the Auto Mount box to automatically mount the encrypted drive at system boot. Enter a new password and confirm that password to overwrite the original password.
Auto Mount
New Password :
Confirm Password :
Apply
Exit

Wait while the Volume is encrypted.

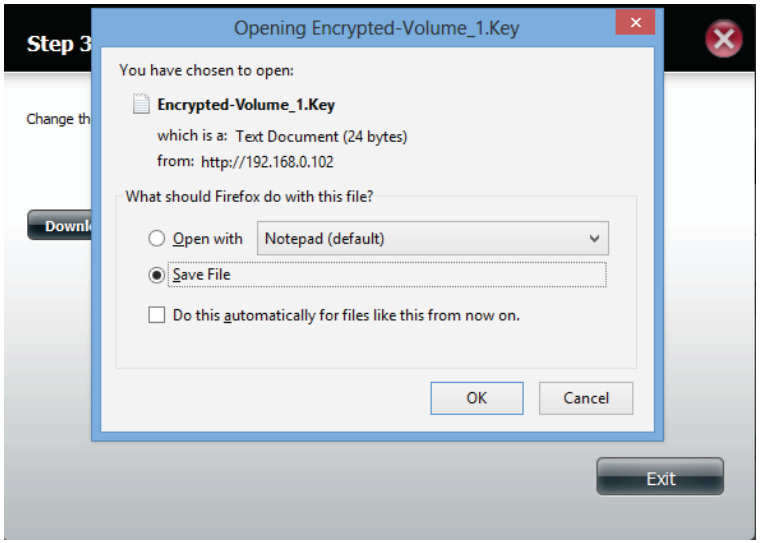


Click **Exit** to close the wizard and return to main Volume Encryption window.

Alternatively, click **Download Encrypted Key File**.


Step 3 :Modify
Change the settings on the encrypted volume by entering the original password.
Download Encrypted Key File
Exit

The file can be saved. Click OK to Save File.



Please Note: Using Volume Encryption slows the speed of accessing data off the DNS-327L. However, Volume Encrytion does create that layer of security.

Account Management

Users / Groups

Creating a Single User

The Users/Groups menu is used to create and manage user and group accounts. Up to 256 users and 32 groups can be created. By default, all users have read and write access to all folders. However access rules can be created and edited in the Network Shares menu.

Click **Management** > **Account Management.**

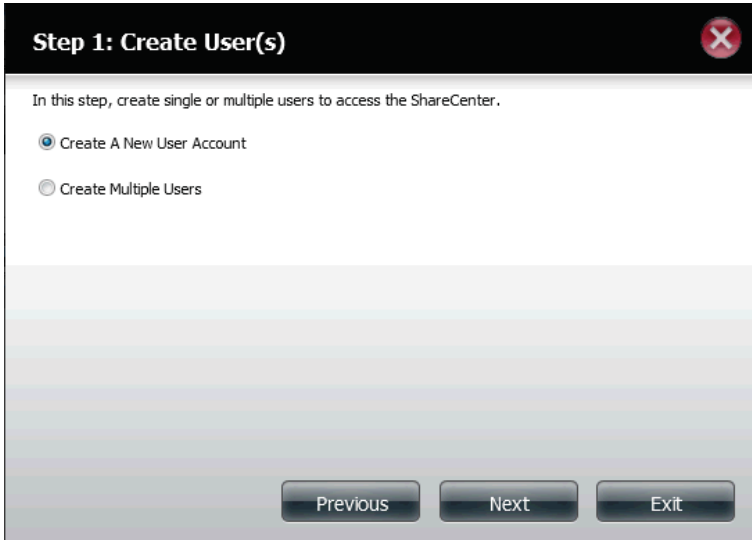
Click **Users/Groups** on the left side and then click **Create.**

The **User Setup Wizard** will appear.

Click **Next** to continue.

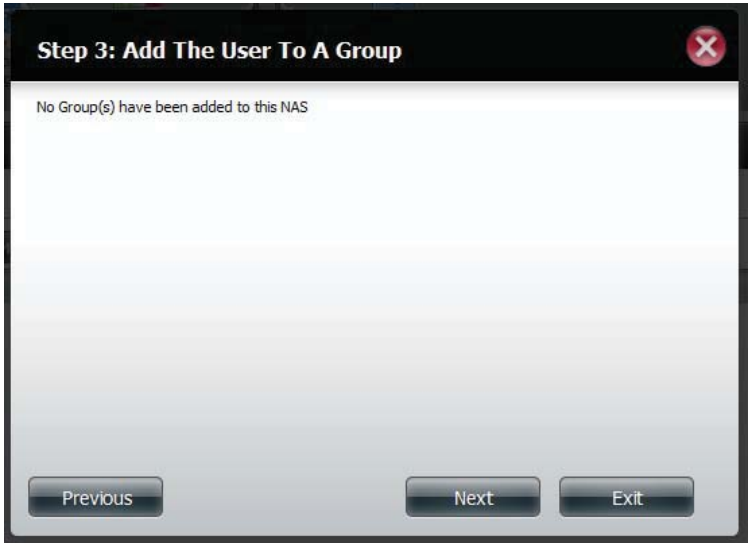
Welcome To The User Setup Wizard
This wizard provides a step-by-step guide to creating new user accounts.
1. Create User(s)
2. Create A New User Account
3. Add The User To A Group
4. Network Share Settings
5. Quota Settings
6. Summary
Next
Exit

Step 1 - Select **Create A New User Account** and then click **Next** to continue.

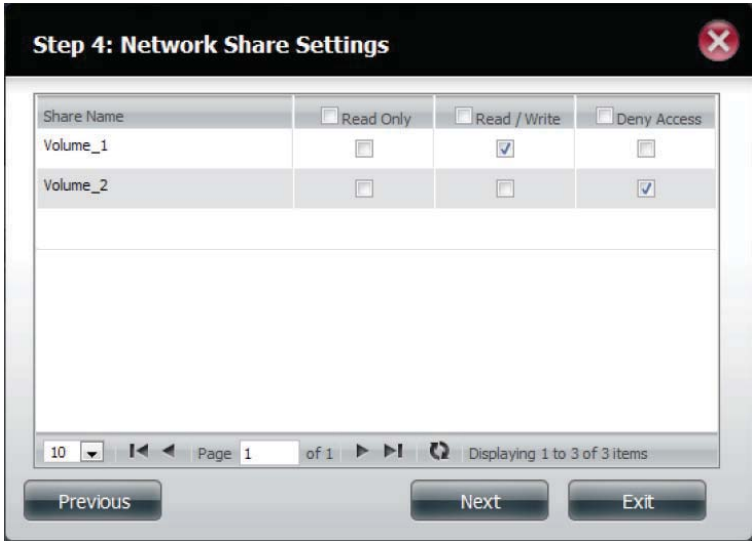


Step 2 - Enter the user name and password for the new user and then click **Next** to continue.

Step 3 - Add the user to a group by clicking the Group checkbox. Click **Next** to continue.



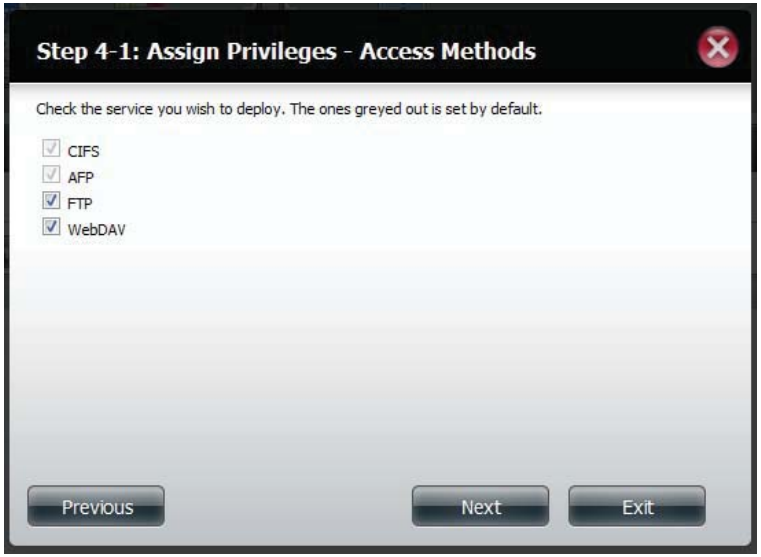
Step 4 - Select the network share settings. Select **Read Only**, **Read/Write**, or **Deny Access**. Click **Next** to continue.



Assign Privileges/Access Methods to the user. Select either **FTP** or **WebDAV**. CIFS and AFP are set as default.

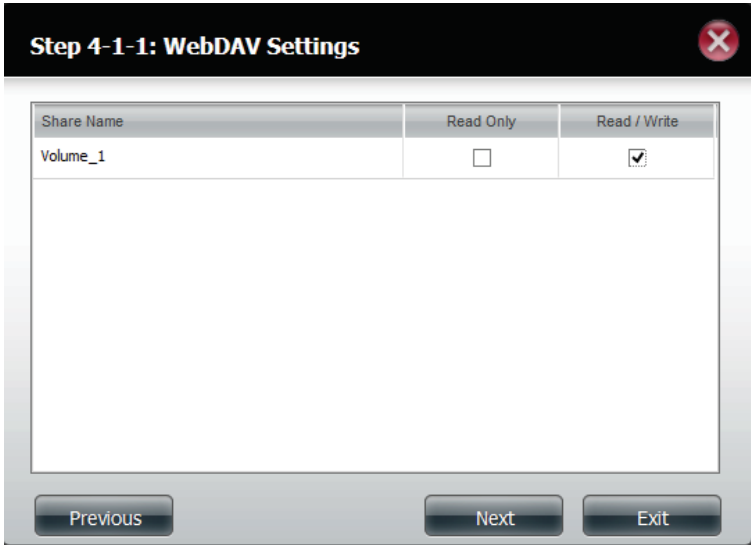
- **CIFS** is short for Common Internet File System.
- **AFP** is short for Apple Filing Protocol.
- **FTP** is short for File Transfer Protocol.
- **WebDAV** is short for Web-based Distribution, Authoring, and Versioning.
-

Click **Next** to continue.

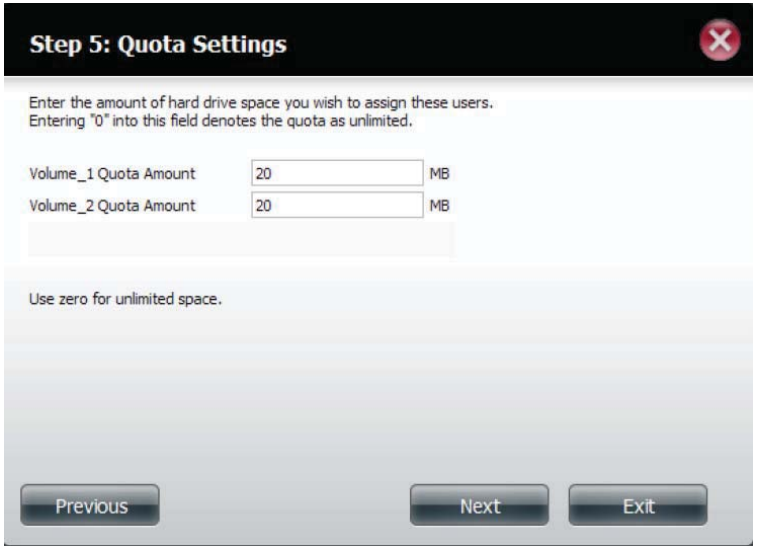


Select the volumes the user can have WebDAV access to and then select whether to give **Read Only** or **Read/Write** rights.

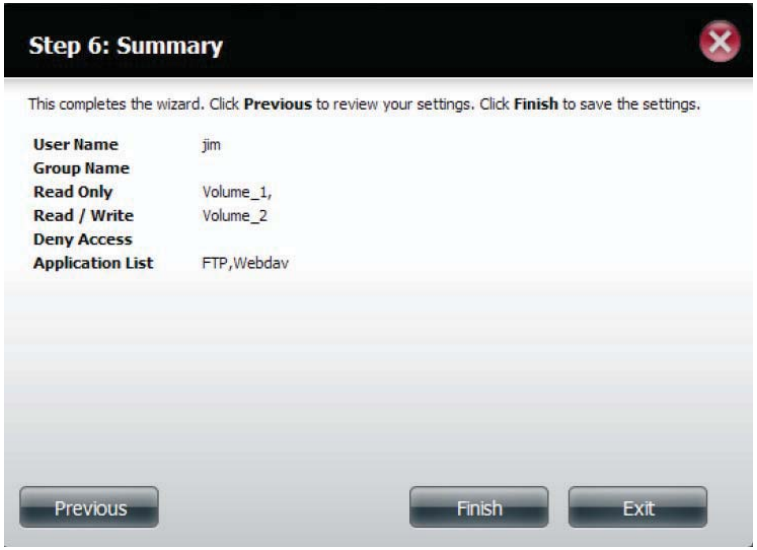
Click **Next** to continue.



Step 5 - Enter the amount of disk space you wish to assign the user on each volume. Enter zero to provide unlimited disk space to the user. Click **Next** to continue.

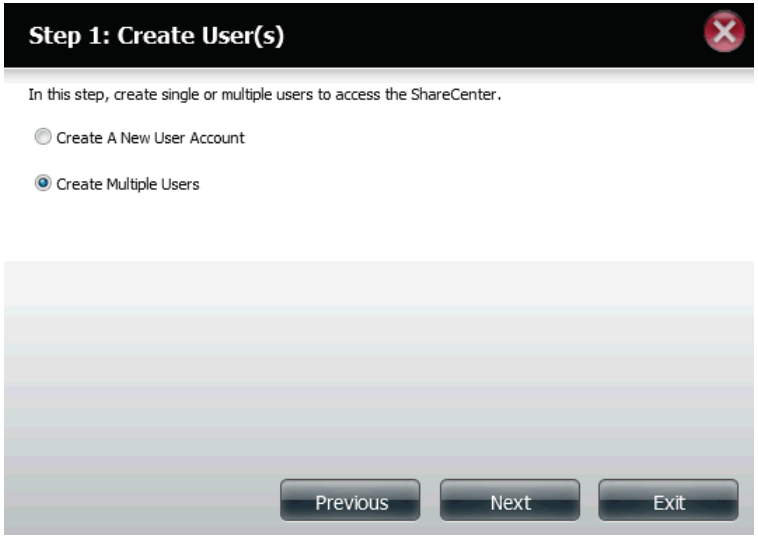


Step 6 - The final step is a summary of all the configurations you made. Click **Finish** to accept the changes or click **Exit** to cancel the changes.



Creating Multiple Users

Step 1 - Select **Create Multiple Users** and then click **Next** to continue.



Step 2 - Enter the following information:

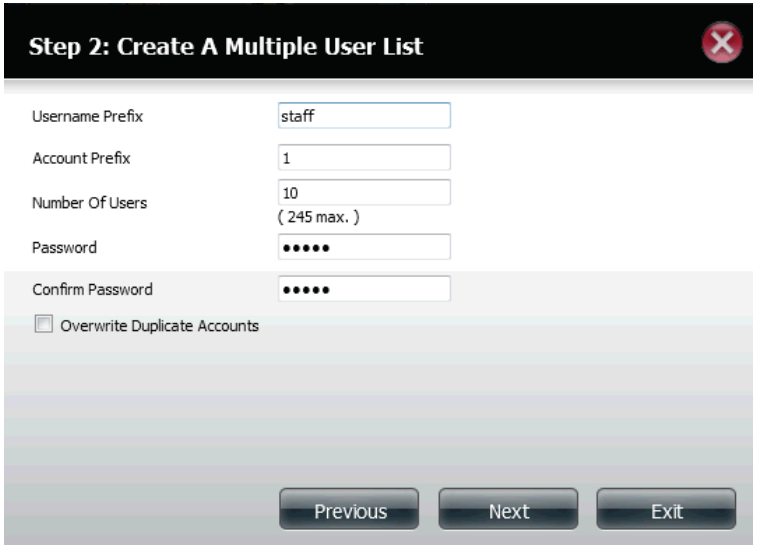
Enter a username.

Enter the account prefix. The Account Prefix is a starting number (Eg. 1, no alphabet letters are allowed) you select for the user list.

Enter the amount of users you want to create. Next to the input field is the remaining amount of users you can add to the NAS.

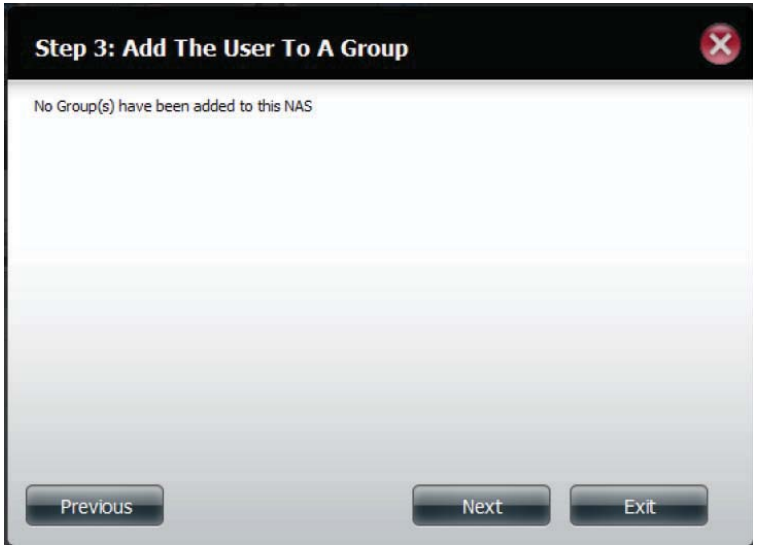
Enter a password and confirm it.

Click **Next** to continue.

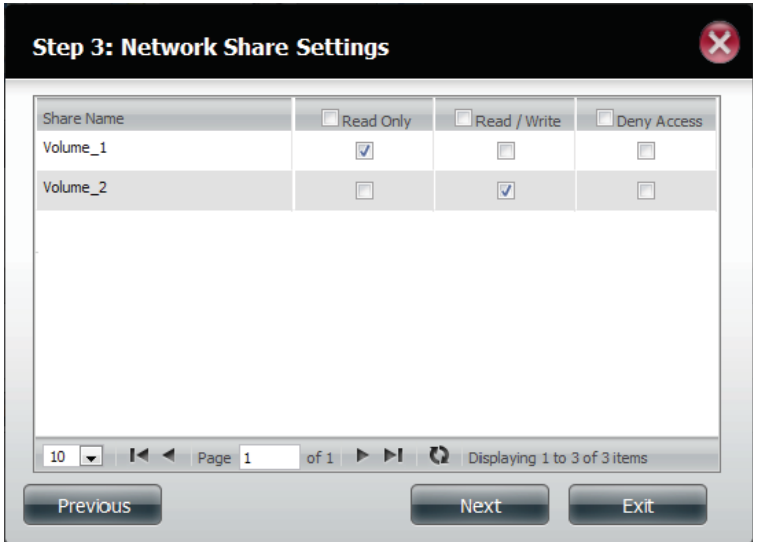


Step 3 - Add the user(s) to a group by clicking the **Group** checkbox.

Click **Next** to continue.



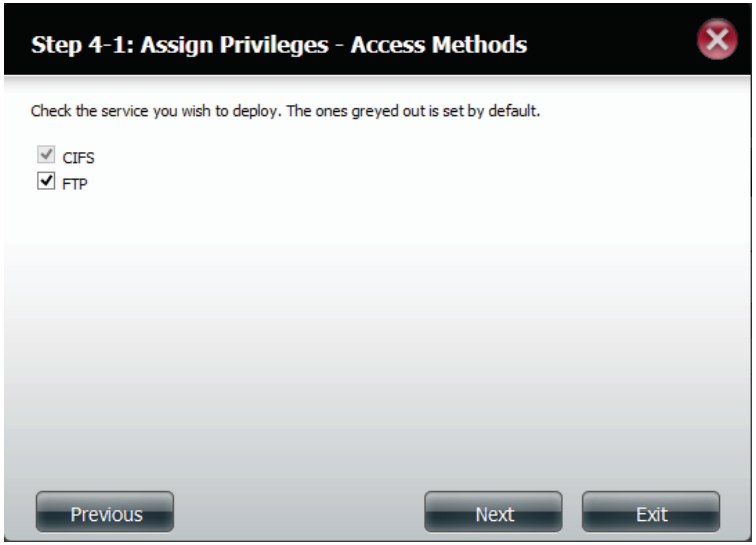
Step 4 - Select the network share settings. Select **Read Only**, **Read/Write**, or **Deny Access**. Click **Next** to continue.



Assign Privileges/Access Methods to the user(s). Select FTP. CIFS and AFP are set as default.

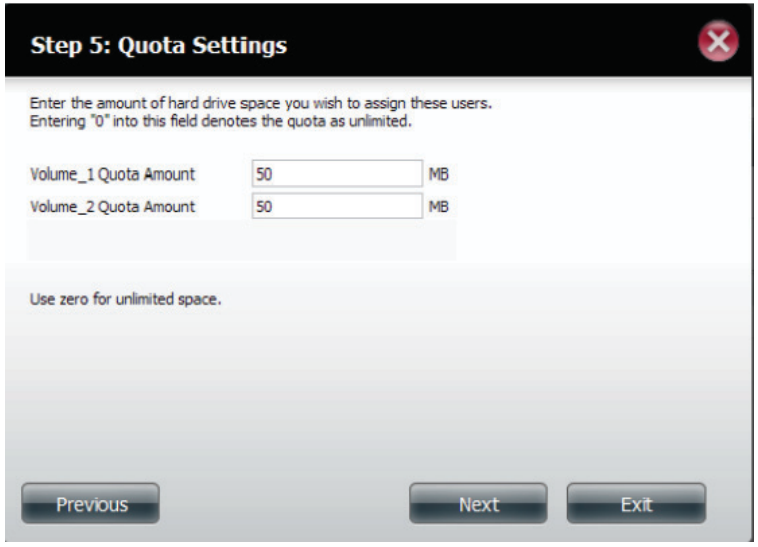
- **CIFS** is short for Common Internet File System.
- **FTP** is short for File Transfer Protocol.

Click **Next** to continue.

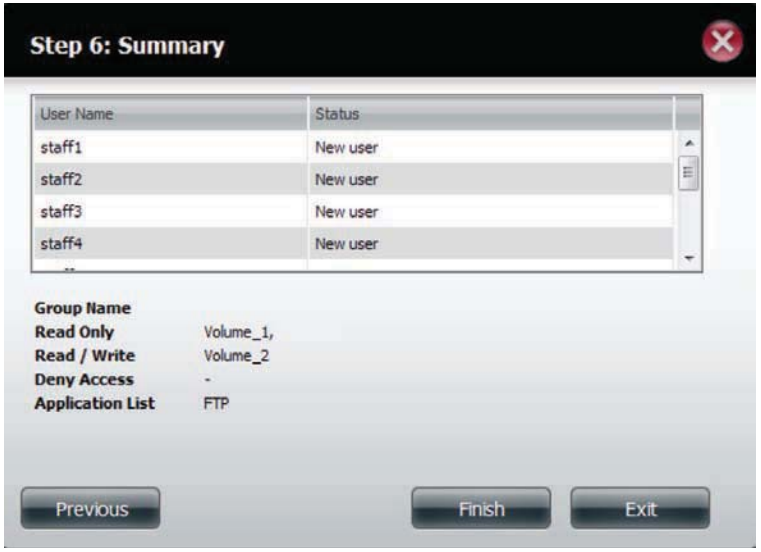


Step 5 - Enter the amount of disk space you wish to assign the user(s) on each volume. Type **0** to provide unlimited disk space to the user(s).

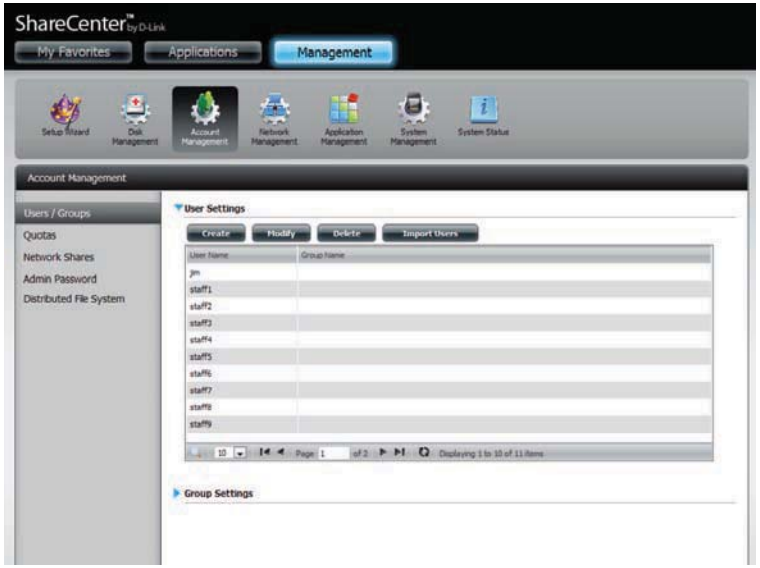
Click **Next** to continue.



Step 6 - The final step is a summary of all the configurations you made. Click **Finish** to accept the changes or click **Exit** to cancel the changes.



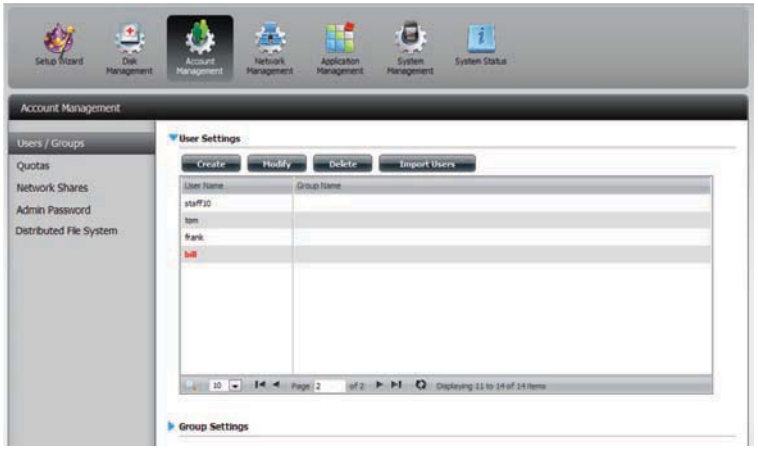
The User Settings window will show a list of the users created.



Modify Users

Step 1 - Click the user you wish to modify. The user will be highlighted in red.

Click **Modify** to continue.

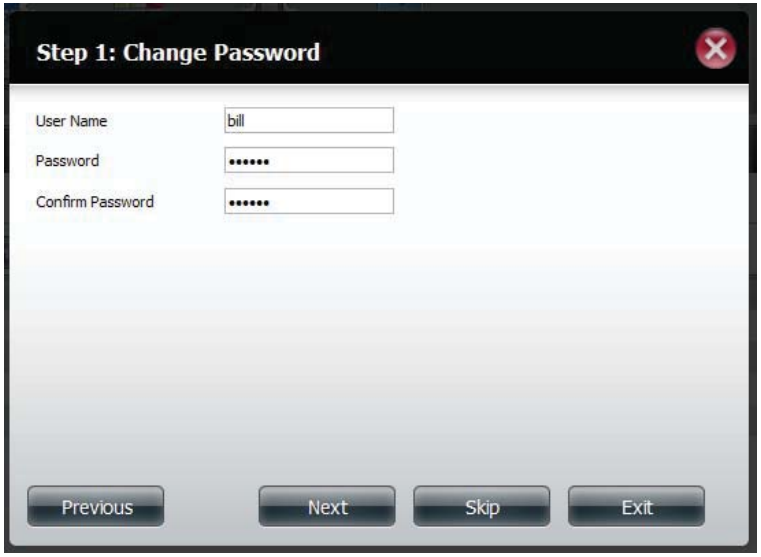


Step 2 - The User Setup Wizard will appear.

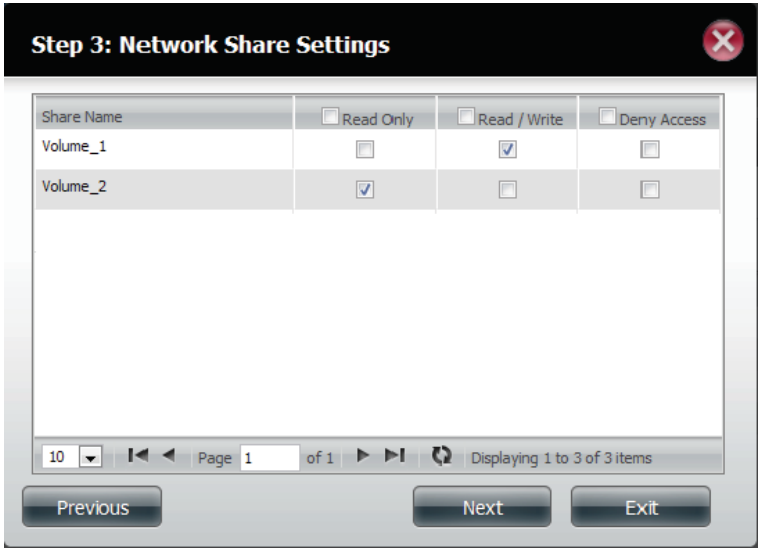
Click **Next** to continue.

Welcome To The User Setup Wizard
This wizard provides a step-by-step guide to creating new user accounts.
1. Change Password
2. Add The User To A Group
3. Network Share Settings
4. Quota Settings
5. Summary
Next
Exit

Step 3 - Change the username or password. Click **Next** to continue.



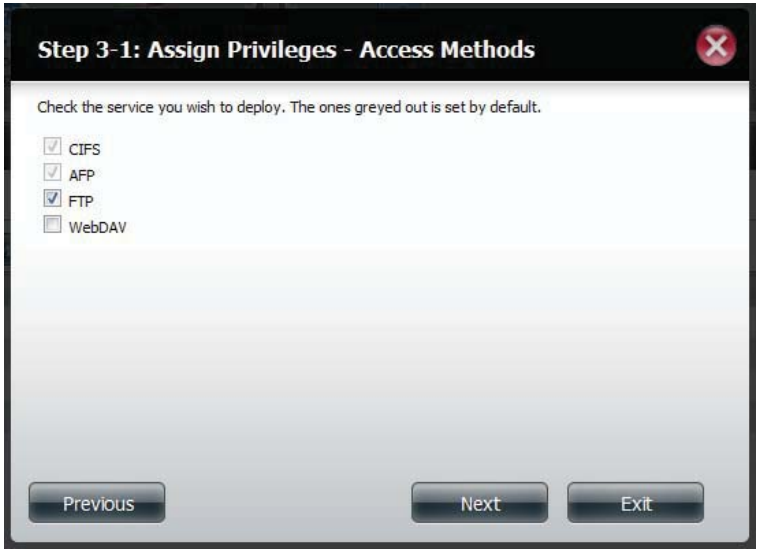
Step 4 - Change the Network Share Settings. Click **Next** to continue.



Step 5 - Assign Privileges/Access Methods for the user. Select either FTP or WebDAV. CIFS and AFP are set as default.

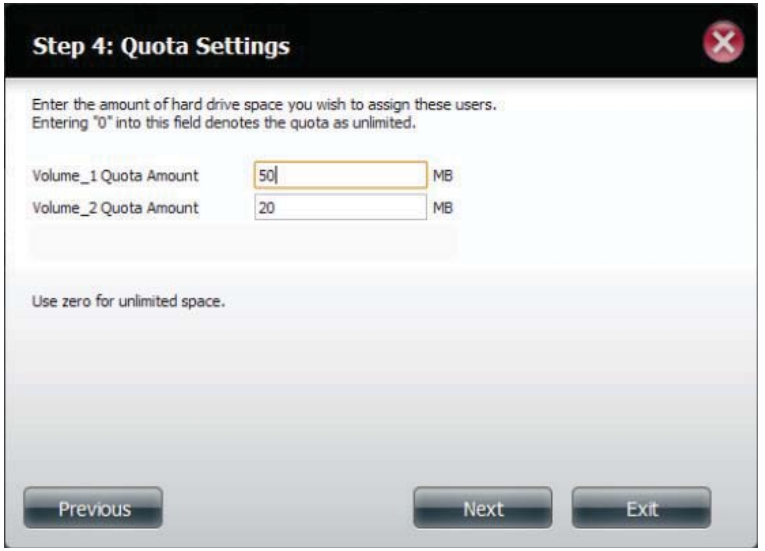
- **CIFS** is short for Common Internet File System.
- **AFP** is short for Apple Filing Protocol.
- **FTP** is short for File Transfer Protocol.
- **WebDAV** is short for Web-based Distribution, Authoring, and Versioning.

Click **Next** to continue.

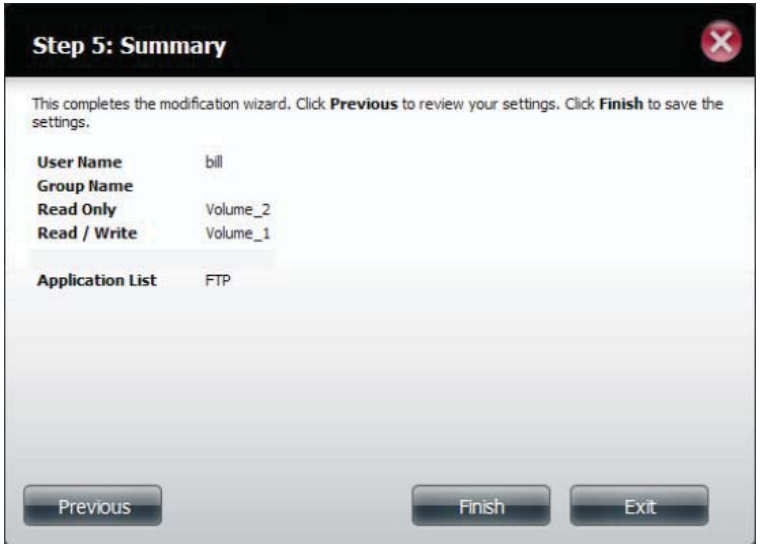


Step 6 - Enter the re-assigned amount of disk space you wish to assign the user on each volume. Type 0 to provide unlimited disk space to the user.

Click **Next** to continue.



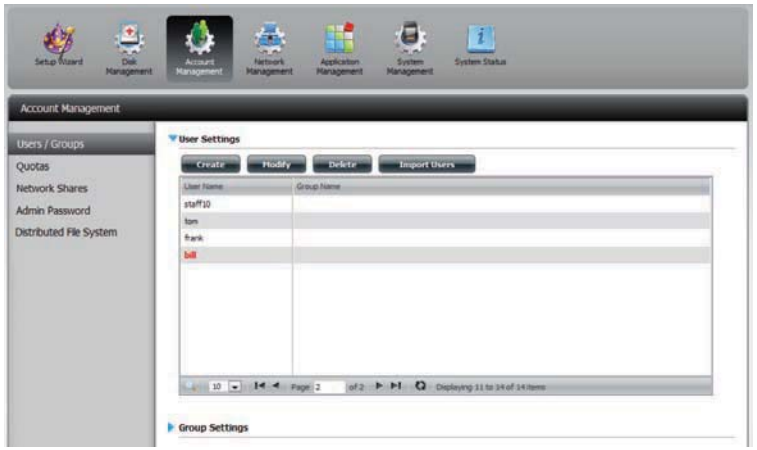
Step 7 - The final step is a summary of all the configurations you made. Click **Finish** to accept the changes or **Exit** to cancel the changes.



Step 8 - A message will appear stating the user details have been changed successfully. Click **Yes** to exit the wizard.

Deleting Users

Step 1 - Click the user you wish to delete. The user will be highlighted in red. Click **Delete** to continue.

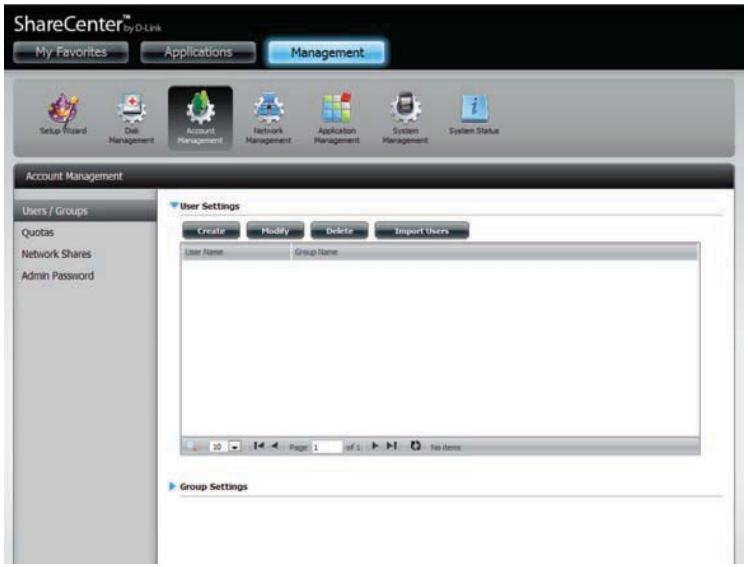


Step 2 - A message will appear prompting you to confirm deleting the user. Click **Yes** to confirm.

The user is now removed from the list.

Importing Users

Step 1 - Click **Account Management** > **Users/Groups** > **Import Users**.



Step 2 - The Import Users Wizard will start. Click **Next** to continue.

Welcome To The Import Users Setup Wizard
This wizard provides step-by-step instructions on how to import users from a preset list. Click Next to proceed.
1. Browse And Select The User File To Import
2. Network Share Settings
3. Summary.
Next
Exit

Step 3 - Click **Download** to see a sample file. (import_file.txt)

Format: user name/user password/user groups/shared folder(rw)/ shared folder(ro)/shared folder(deny)/user quota

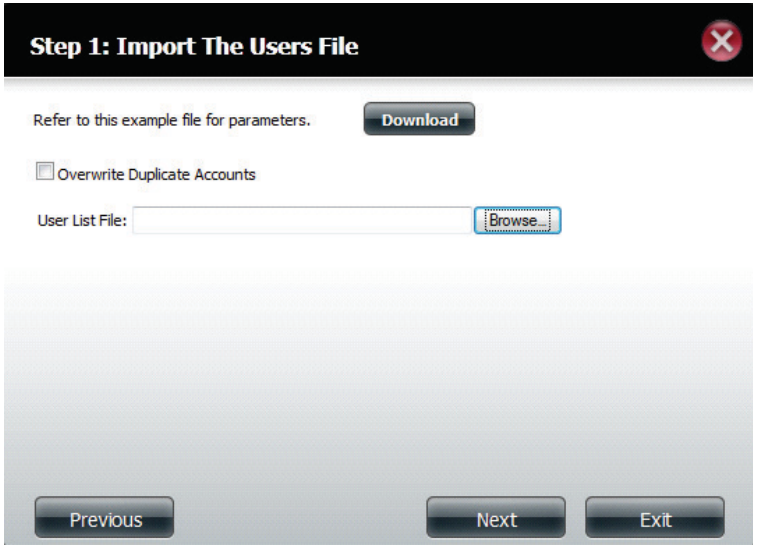
Ex: staff3/staff3/Group_Staff2/Folder_RW1///100

Note: You must create the user groups and share folders first before importing the users file

Check the **Overwrite Duplicate Accounts** box if this is necessary.

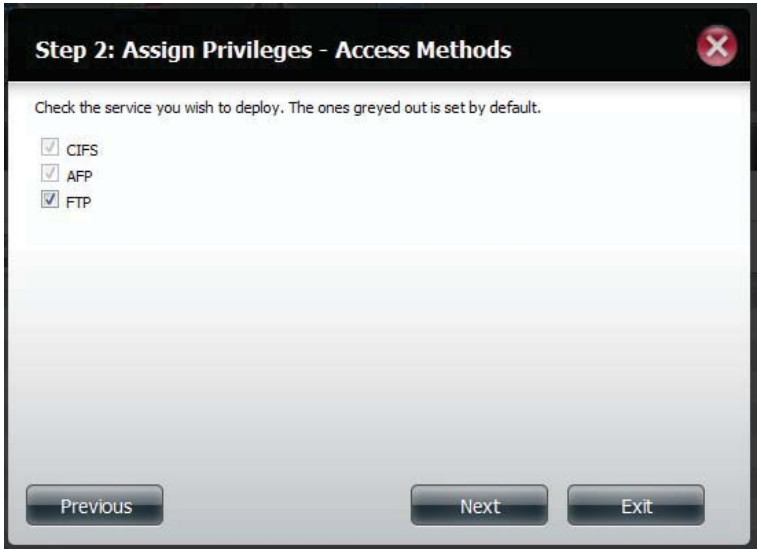
Click **Browse** to select the file you want to import.

Click **Next** to continue



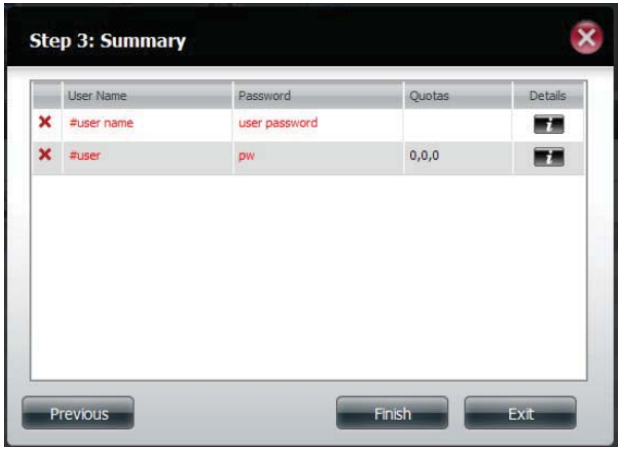
Step 4 - Assign the privileges and access methods.

Click **Next** to continue.

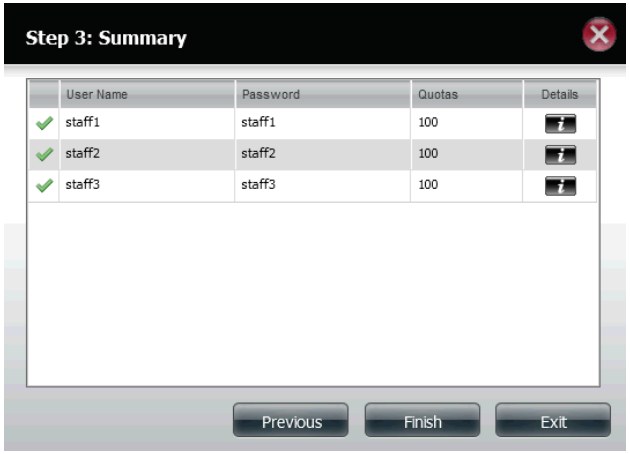


Step 5 - The Summary will show a list of the imported users. If there are problems with the user list, the wizard will show the errors in red on the table.

Click **Finish** to close the wizard or go back to change the imported file.



Click the **"i"** icon to see details of each user.

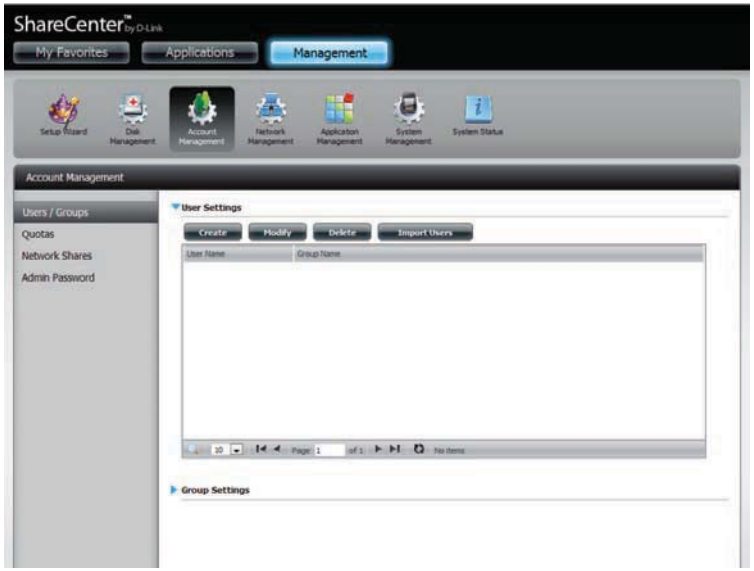


Each user's details are provided in a list according to username, group name, read/write priveledges, or access control

Creating a Group

Step 1 - Click **Account Management** > **Users/Groups**.

Click the blue arrow next to Group Settings and settings window will appear. Click **New** to create a new Group.

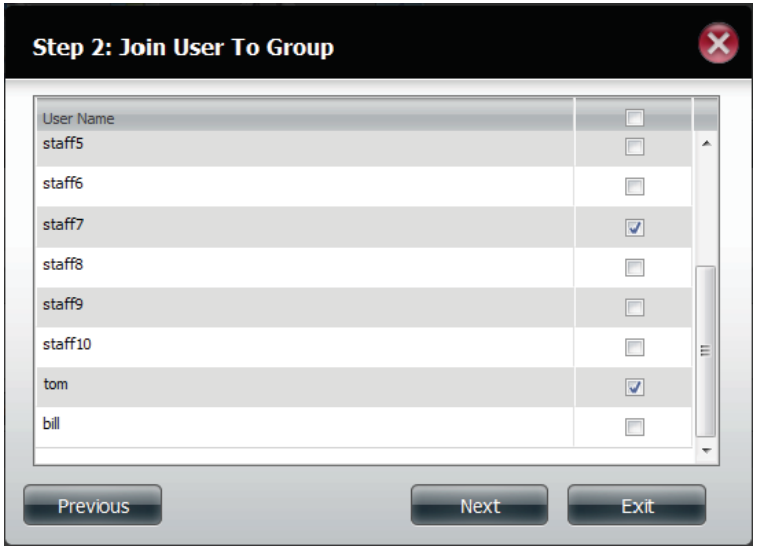


Step 2 - The Group Setup Wizard will now start. Click **Next** to continue.

Welcome To The Group Setup Wizard
This wizard will help you setup a group, edit the group, create a share on the group, and set quota sizes.
1. Create A New Group
2. Join User To Group
3. Network Share Settings
4. Quota Settings
5. Summary
Next
Exit

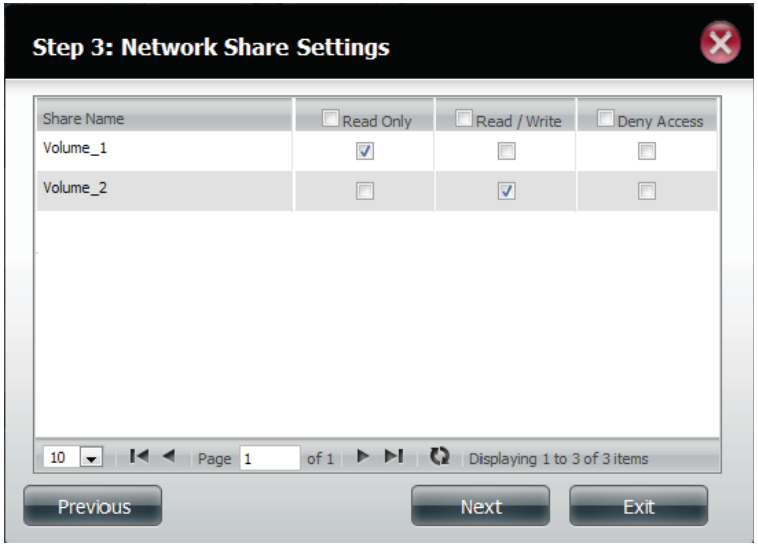
Step 3 - Enter a Group Name. Click **Next** to continue

Step 4 - Click the checkbox to select the user(s) you wish to add to the group and then click **Next** to continue.



Step 5 - Select the Network Share Settings (read, read/write, deny access) for the corresponding disk volume for the group.

Click **Next** to continue.

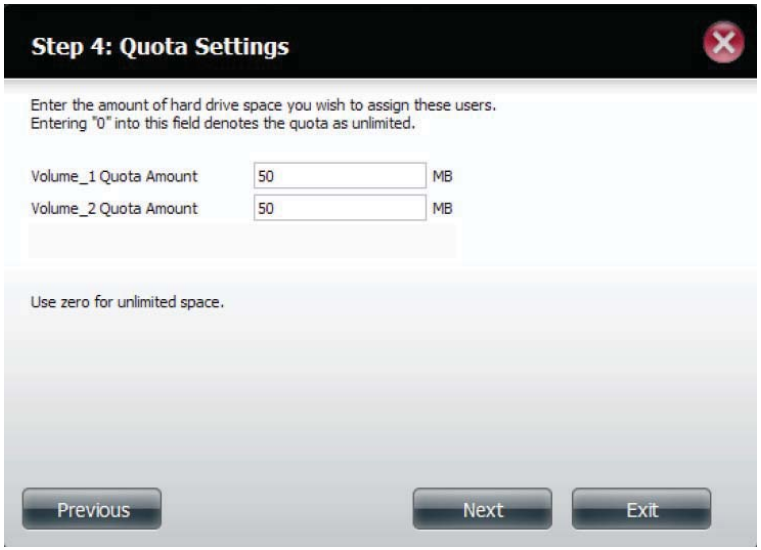


Step 6 - Select the Privileges/Access Methods you want to assign to the group. The greyed out selections are assigned by default.

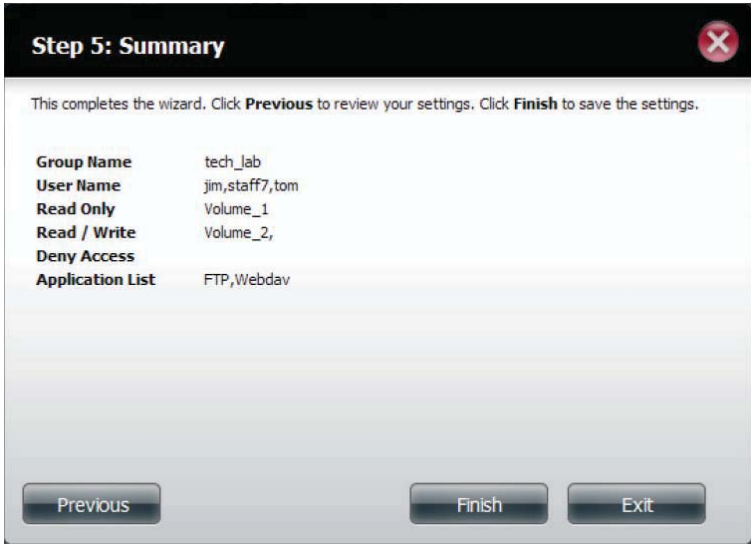
Click **Next** to continue.

Step 7 - Select the appropriate WebDAV settings and click **Next** to continue.

Step 8 - Enter the amount of space you want to assign to the group for each volume. Enter zero to give unlimited disk space to the group. Click **Next** to continue.



Step 9 - The wizard is now complete. The last step shows a summary of the group you created. Click **Previous** to change your settings or **Finish** to end the wizard.



Step 10 - Under Group Settings, a table will display the group you just created.

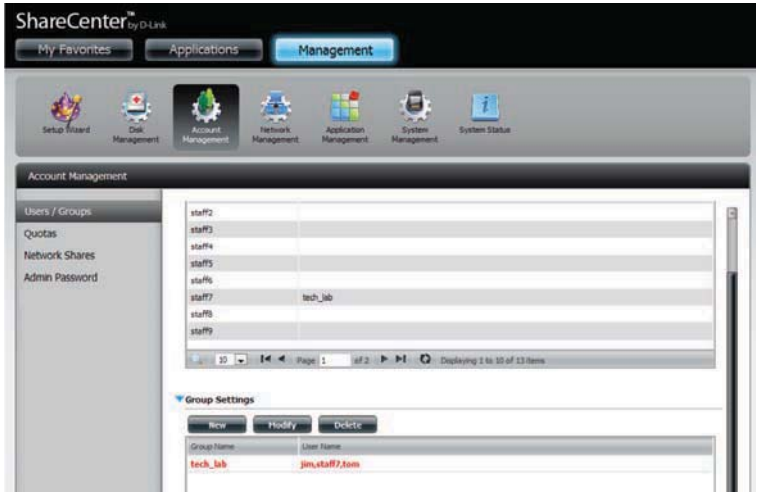
Modifying a Group

Step 1 - Click **Account Management** > **Users/Groups**.

Click the blue arrow next to Group Settings and the Group Settings table will appear.

Step 2 - Select the group you want to modify. Your selection will turn red.

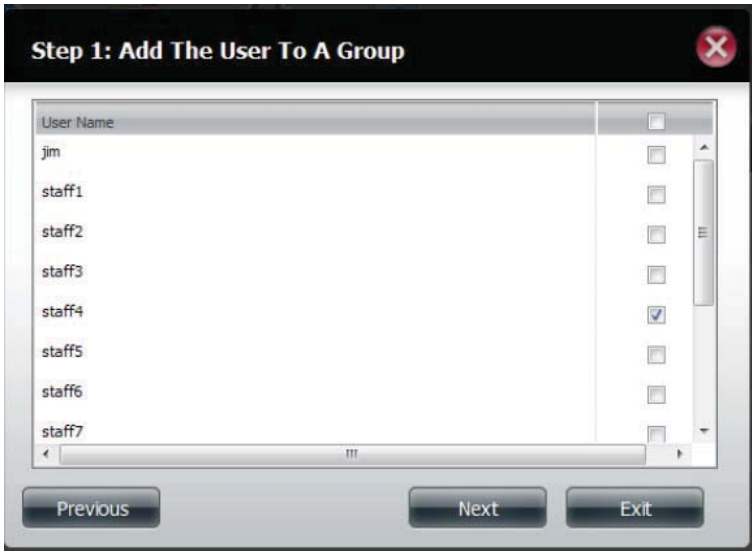
Click **Modify** to change the settings for the Group.



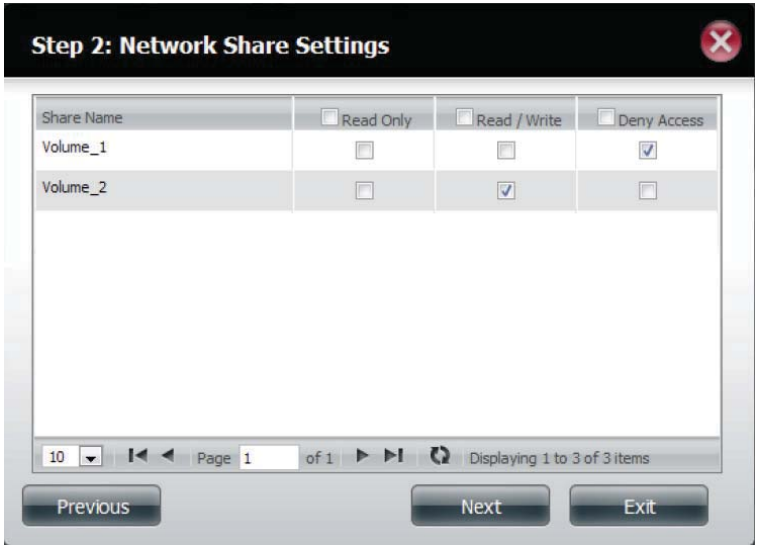
Step 3 - The Group Setup Wizard will now start. Click **Next** to continue.

Welcome To The Group Setup Wizard
This wizard will help you setup a group, edit the group, create a share on the group, and set quota sizes.
1. Add The User To A Group
2. Network Share Settings
3. Quota Settings
4. Summary
Next
Exit

Step 4 - Make the necessary modifications to the group and then click **Next** to continue.



Step 5 - Select the appropriate Network Share Settings (read, read/write, deny access) for the corresponding disk volume for the group. Click **Next** to continue.

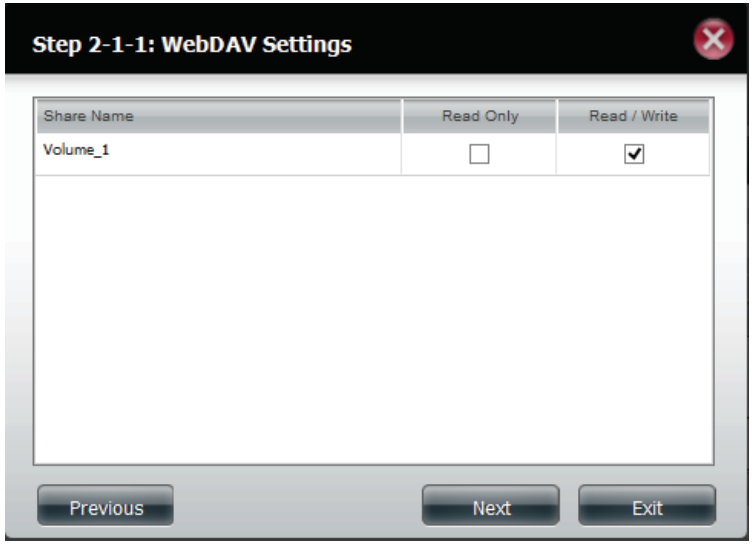


Step 6 - Select the appropriate privileges you want to assign to the group. The greyed out selections are assigned by default and cannot be modified.

Click **Next** to continue.

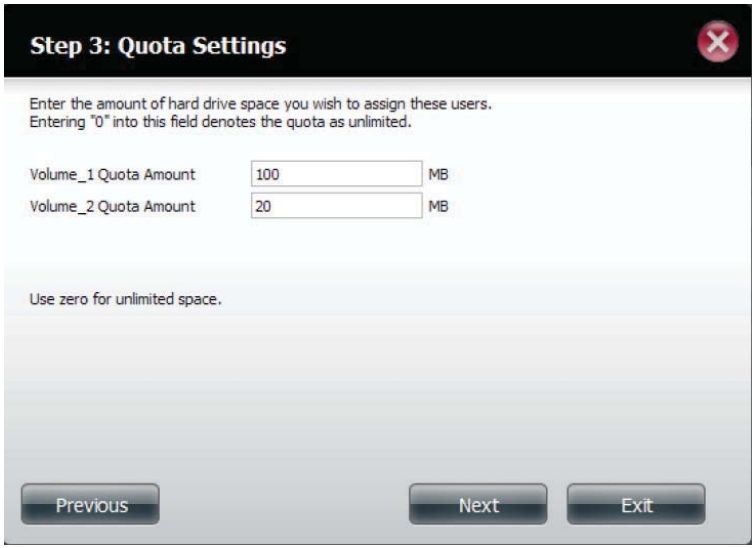
Step 7 - Select either Read Only or Read/ Write priviledges for WebDav Settings.

Click **Next** to continue.



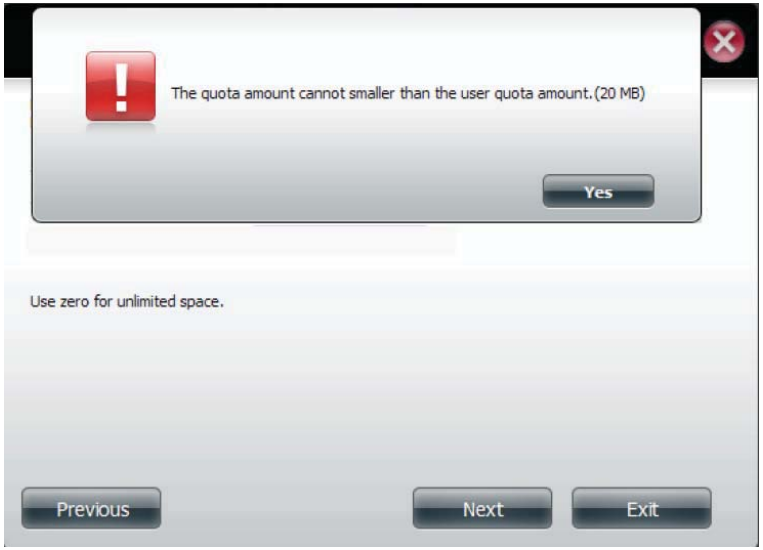
Step 8 - Edit the amount of space you want to assign to the group for each volume. Enter zero to give unlimited disk space to the group.

Click **Next** to continue.



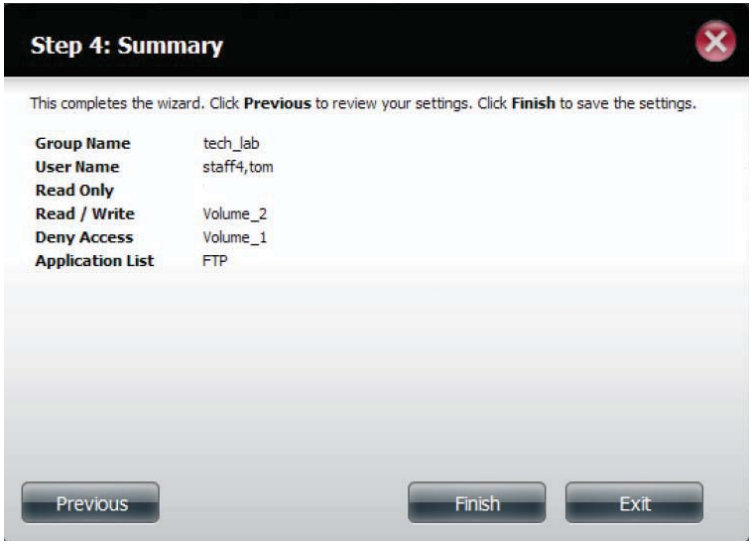
Step 9 - When editing the quota, make sure the size is not smaller than the user quota on his/her account.

Click **Yes** to change the quota.



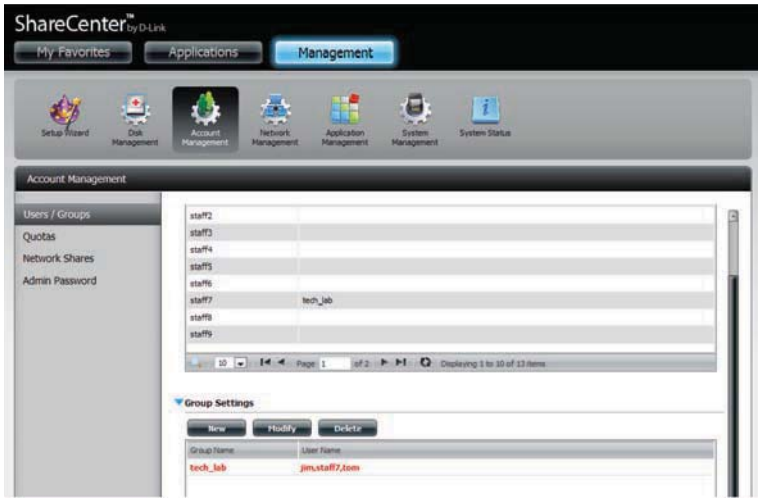
Step 9 - The wizard is now complete and will display a summary of the group you edited.

Click **Previous** to change your settings or **Finish** to end the wizard. **Exit** will cancel all changes you made.



Deleting a Group

Step 1 - Select the Group you want to delete and click **Delete**.

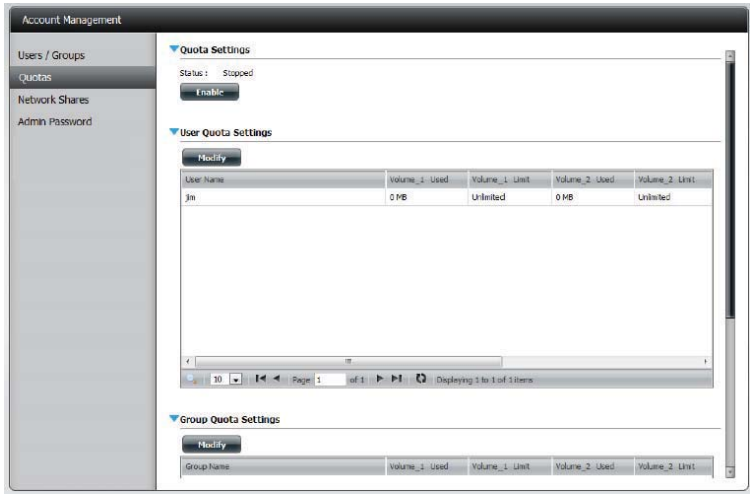


Step 2 - A warning message will appear asking you to verify if you want to delete the Group. Click **Yes** to delete the Group or **No** to cancel your decision.

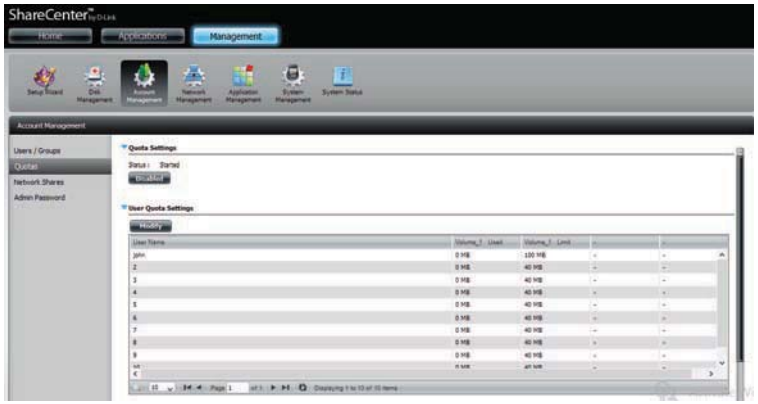
Quotas

The ShareCenter™ supports storage quotas for both groups and individuals. Assigning a quota to a group or user will limit the amount of storage allocated. By default, users and groups do not have a quota. Click **Account Management** and then **Quotas** on the left side.

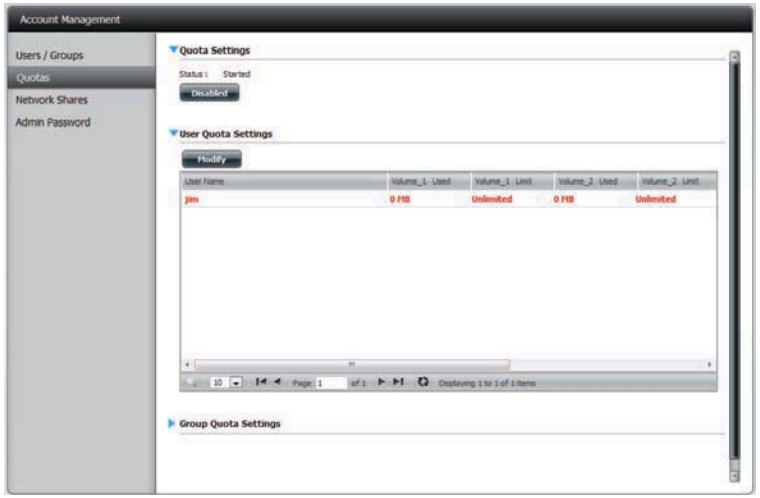
Click **Enable** to activate Quota Settings. The status will now display 'Started' notifying you that the Quota Settings are enabled.



To Modify a User's Quota Settings, click the blue arrow next to User Quota Settings to reveal a table of users.

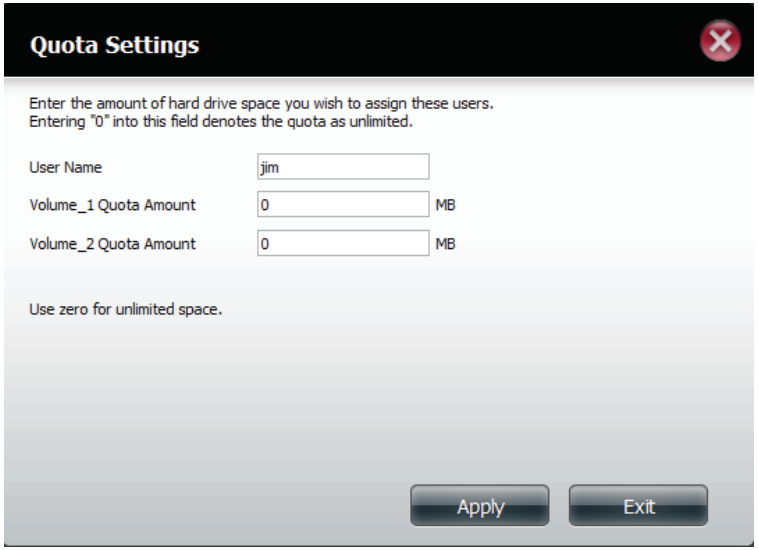


Select the User you want to modify. Your selection will turn red. Click **Modify** to change the user's settings.

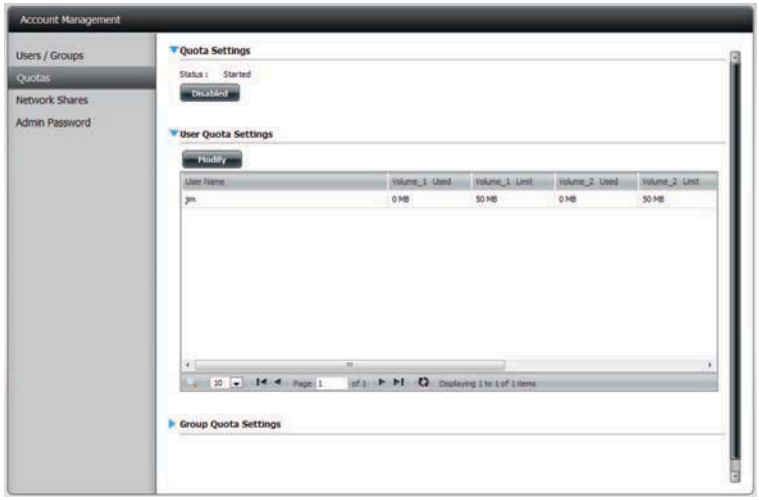


The Quota Settings configuration box will display the user account you want to modify. Enter a new quota amount for each volume.

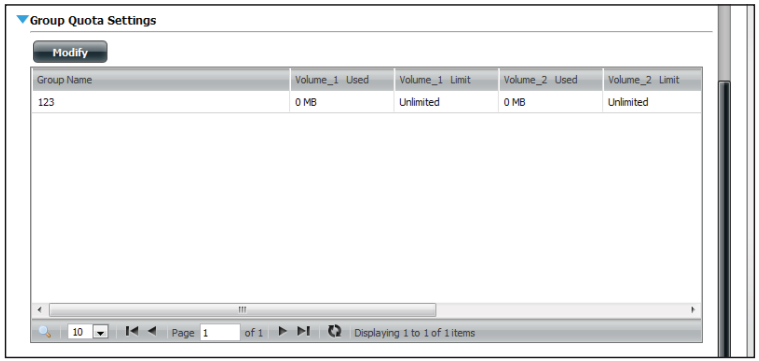
Click **Apply** to confirm your settings.



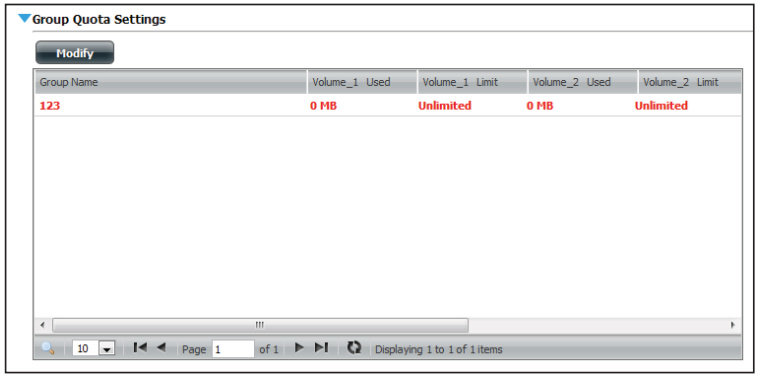
The modified quota settings will be displayed in the table.



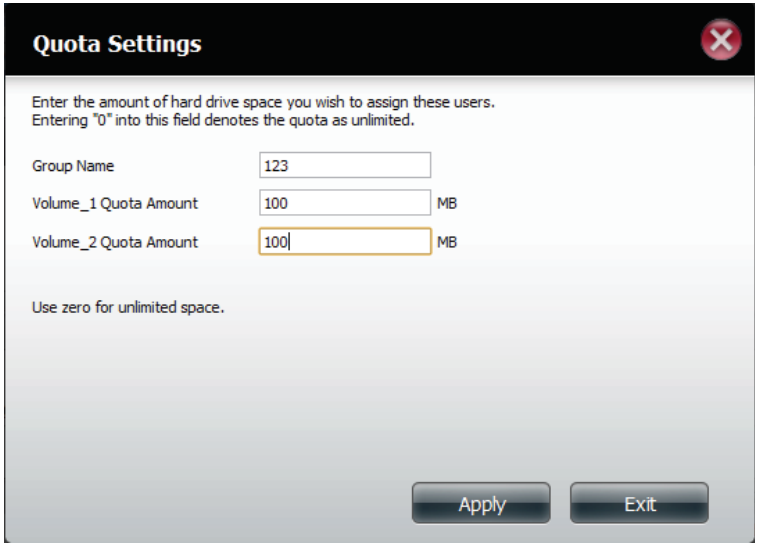
For Group Quota Settings, click the blue drop-down arrow next to Group Quota Settings to view the group quota table.



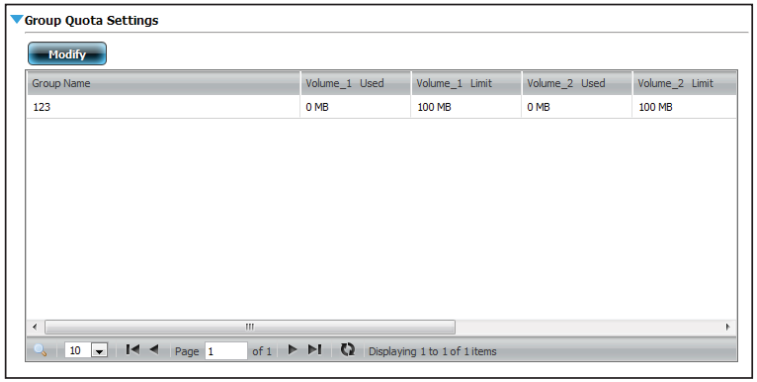
Select the group you want to modify. Your selection will turn red. Click **Modify**.



The Group Quota Settings screen will display the group you want to modify. Enter a new quota amount for each volume for the current group and click **Apply**.



The modified quota settings will be displayed in the table.



Network Shares

The Network Shares page allows the user to configure shared folders and rights to specific users and groups. You can also mount .iso files in the ISO Mount Shares settings. When a user has access to a mounted .iso, he/she will also have access to all the files on it.

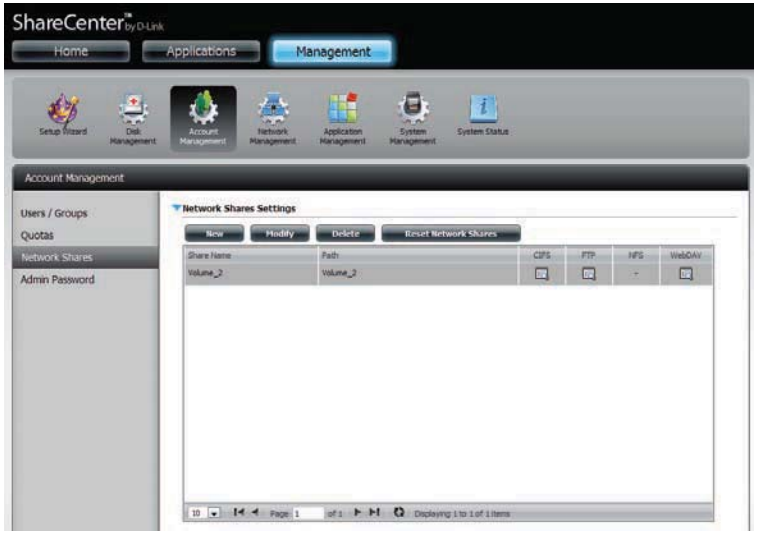
Network Share/ISO Mount Shares: The Network Shares Settings window allows the user to add, modify, and remove both new and existing Network Share and ISO Mount Share Settings.

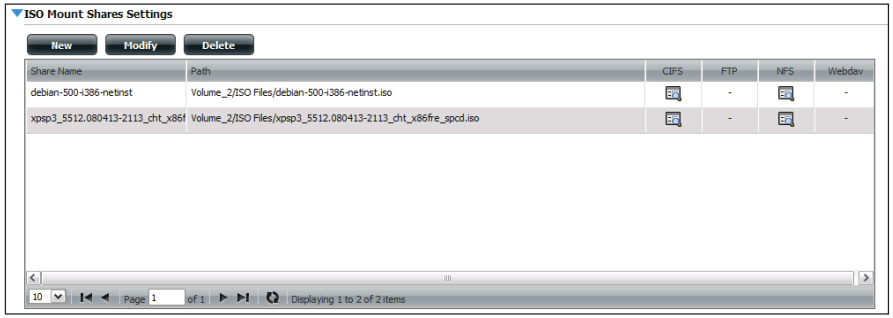
To add a rule click on the **New** button. To modify an existing rule click on the **Modify** button. To remove a rule click on the **Delete** button.

To select a rule, simply click on the rule. Your selection will turn red, indicating it is selected for use.

At the bottom of the table, the user can navigate through pages and also refresh the window by click on the **Refresh** button.

Click on the **Reset Network Shares** button to reset the network access list to the default configuration.





Add/Modify Network Shares Wizard

The following section will describe how to add a new Network Share on the ShareCenter™. To add a Network Share click on the **New** button. An easy to configure wizard will launch.

Step 1 - This window welcomes the user to the setup wizard for creating a new network share.

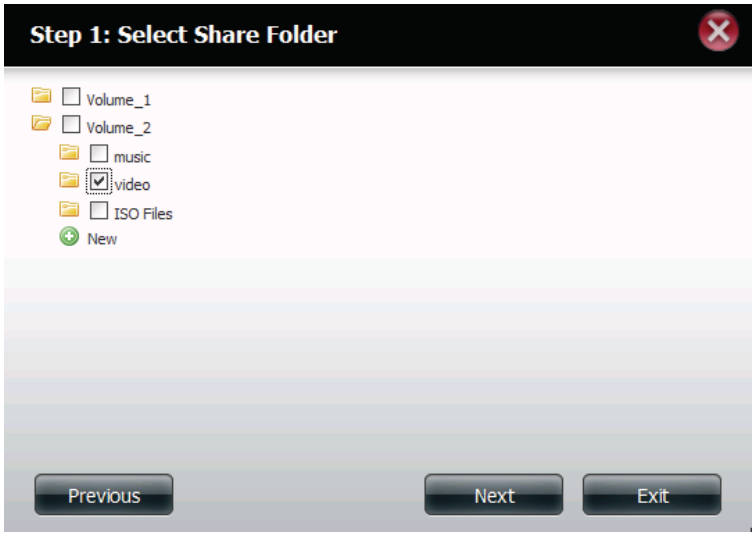
In this wizard the user will be able to:
1) Select share folders.
2) Configure shared folder access rights.
3) Configure network access settings.
4) View a summary of the configuration before completing.

Click **Next** to continue.

Welcome To Network Shares Setup Wizard
The Wizard will guide you through the steps of steps. Begin by clicking on Next.
1.Select Share Folder
2.Shared Folder Access Rights.
3.Network Shares Settings.
4.Finish.
Next
Exit

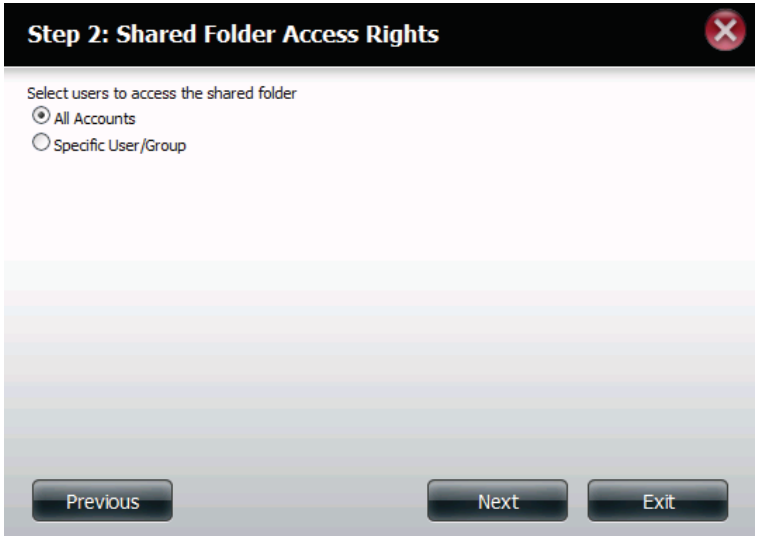
Step 2 - Select the Share Folder from one of the volumes.

Click **Next** to continue.



Step 3 - Select the user accounts or group which are allowed to access this folder(s). Select **All Accounts** to allow access to this folder to all the accounts. Select **Specific User/Group** to only allow certain users or groups access to this folder.

Click **Next** to continue.



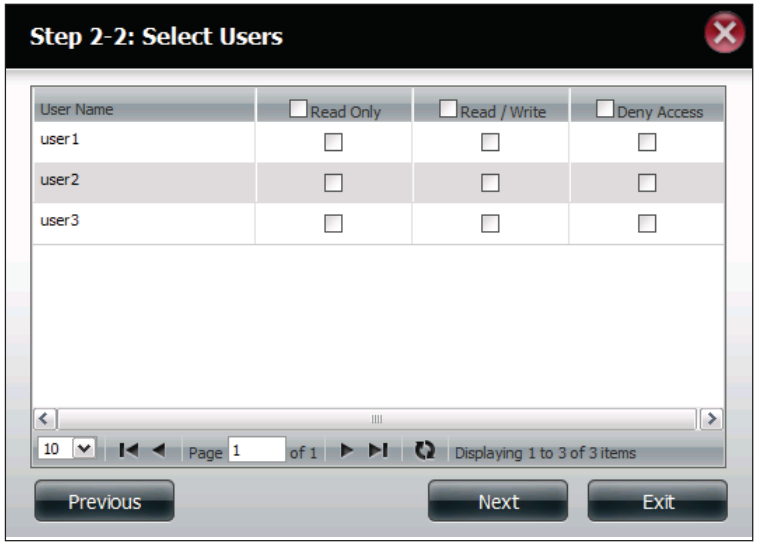
Step 4 - Select the appropriate access rights for the share. Options to select from are Read Only, Read/Write, and Deny Access.

This procedure can also be used to block certain users from accessing certain folders.

Click **Next** to continue.

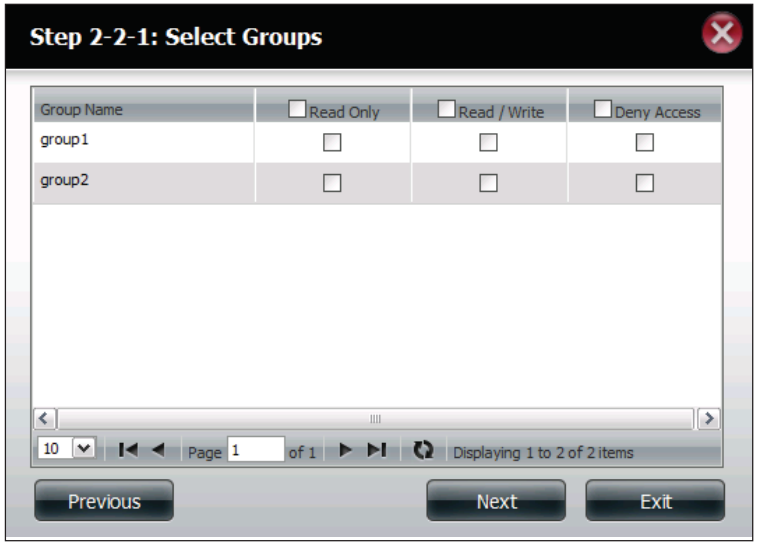
Step 5 - If you selected **Specific User/Group** in Step 3, then this step allows you to set the access rights for each User configured on the ShareCenter™ .

Click **Next** to continue.



Step 6 - If you selected **Specific user/Group** in Step 3, then this step allows you to set the access rights for each Group configured on the ShareCenter™ .

Click **Next** to continue.



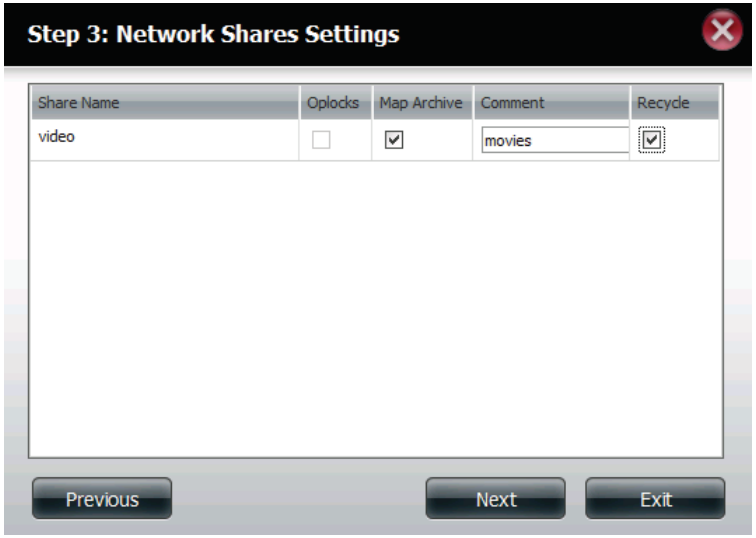
Step 7 - Here you can assign privileges to this share.

Opportunistic locks (oplocks) are a characteristic of the LAN Manager networking protocol implemented in the 32-bit Windows family.

Oplocks are guarantees made by a server for a shared logical volume to its clients. These guarantees inform the Client that a file's content will not be allowed to be changed by the server, or if some change is imminent, the client will be notified before the change is allowed to proceed.

Oplocks are designed to increase network performance when it comes to network file sharing. However it is recommended to set the share oplocks to No (off) when using file-based database applications. When enabled "Map Archive", the file attribute will be copied as the file is being stored on the ShareCenter™ .

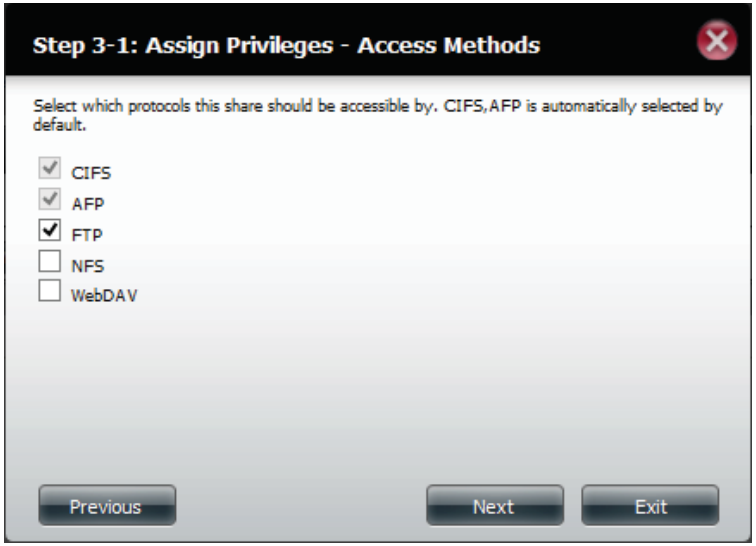
Click **Next** to continue.



Step 8 - Here you can assign more protocol privileges that a user can use to access this share. Options to choose from are FTP, NFS, and WebDAV. CIFS and AFP are set as default.

- CIFS is short for Common Internet File System.
- AFP is short for Apple Filing Protocol.
- FTP is short for File Transfer Protocol
- NFS is short for Network File System.
- WebDAV is short for Web-based Distributed Authoring and Versioning.

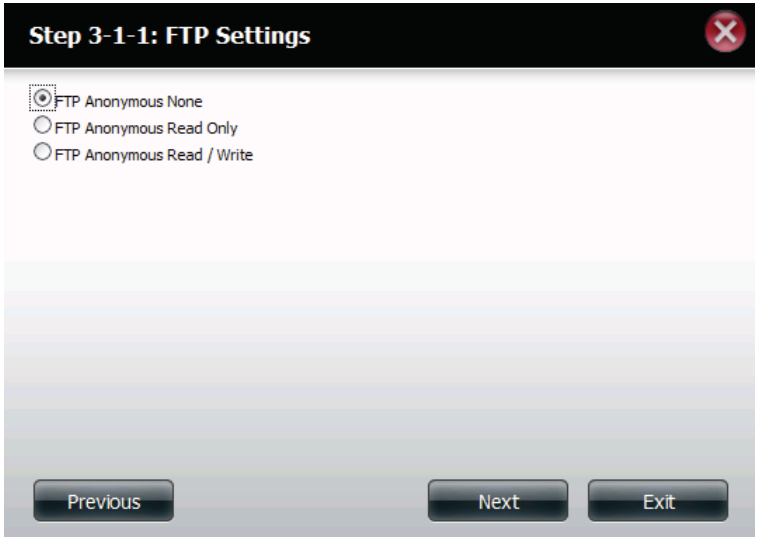
Click **Next** to continue.



Step 9 - Here you can configure the FTP settings for this share. FTP access can be:

1) FTP Anonymous None (No Access).
2) FTP Anonymous Read Only (Limited Access).
3) FTP Anonymous Read/Write (Full Access).

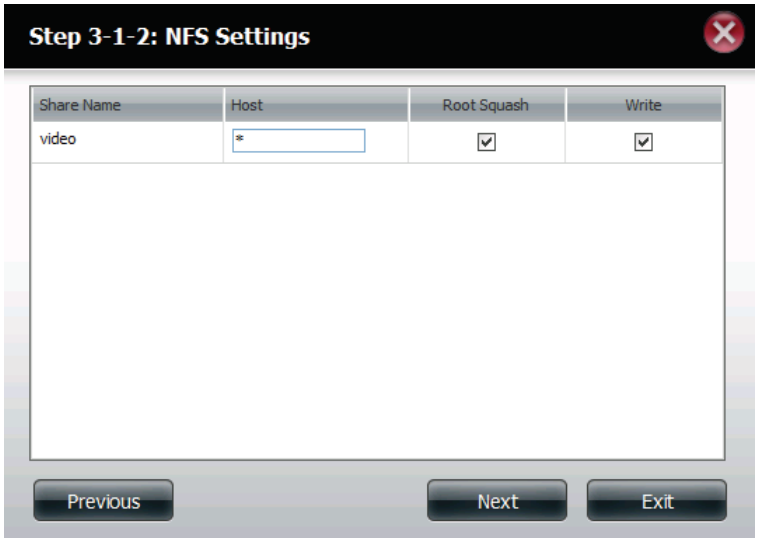
Click **Next** to continue.



If you checked NFS as an access method to your network share then this step allows you to set the parameters below:

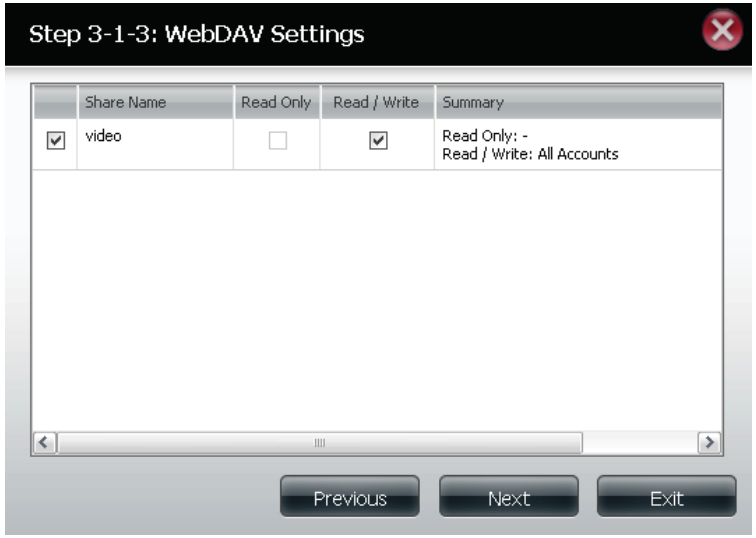
- **Host** - Allowable host address that can access using NFS (*indicates all hosts)
- **Root Squash** - Disables writing to the Root owned directories and files on the system when the user has root access privileges.
- **Write** - provide write permission to the file system.

Click **Next** to continue.



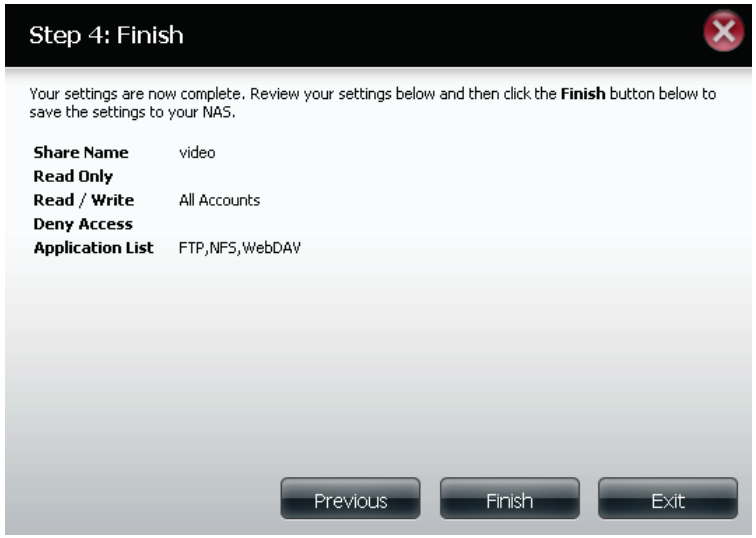
If you checked WebDAV as an access method, then this step will allow you to set the access parameters.

Click **Next** to continue.



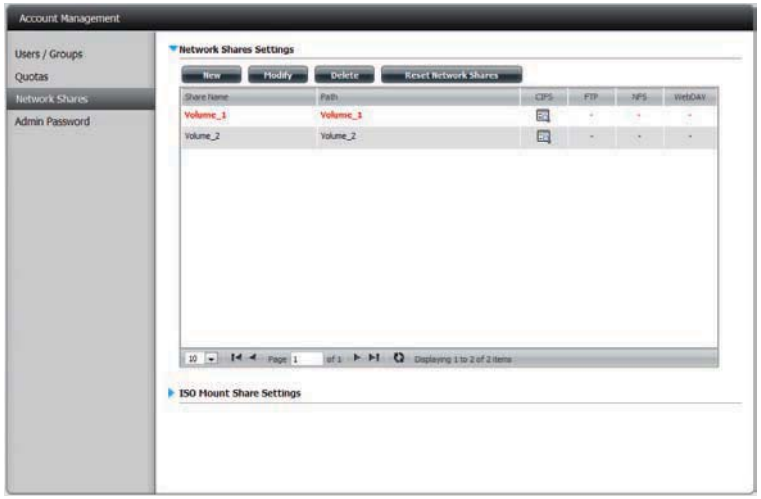
Step 10 - Here a summary of the created shares will be displayed.

Click **Finish** to save your settings.

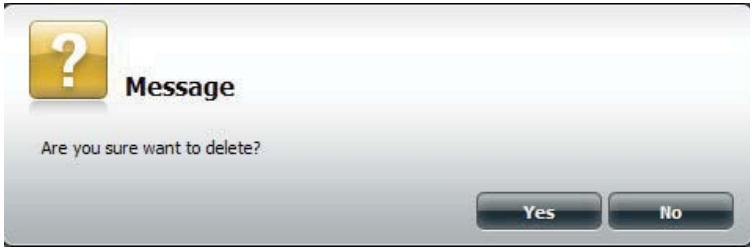

Step 4: Finish
Your settings are now complete. Review your settings below and then click the Finish button below to save the settings to your NAS.
Share Name video
Read Only
Read / Write All Accounts
Deny Access
Application List FTP,NFS,WebDAV
Previous
Finish
Exit

Deleting a Network Share

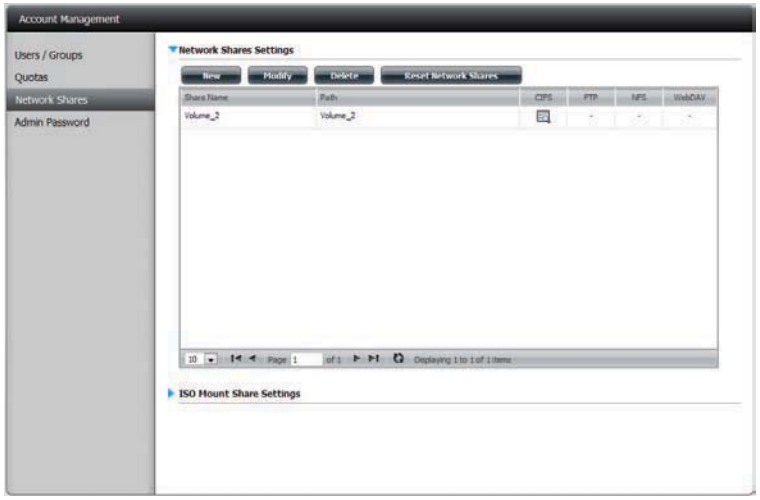
Select the Network Share you wish to delete. Your selection will turn red. Click **Delete** to remove the share.



A warning message will appear prompting you to verify if you wish to delete the Share. Click **Yes** to delete or **No** to Cancel.



The deleted **Share** will be removed from the **Network Share List**.



Resetting the Network Shares

Click the **Reset Network Shares** button.

A warning message will prompt you to confirm your selection.

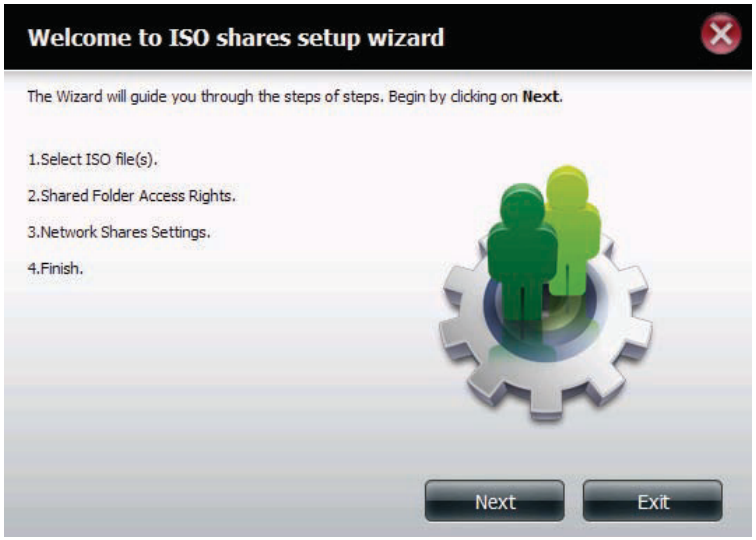
Click **Yes** to confirm or **No** to cancel.

Note: You are about to reset the Network Access List to default access rights.
The access right is by default open (no password required) for all accounts.
Yes
No

ISO Shares Setup Wizard

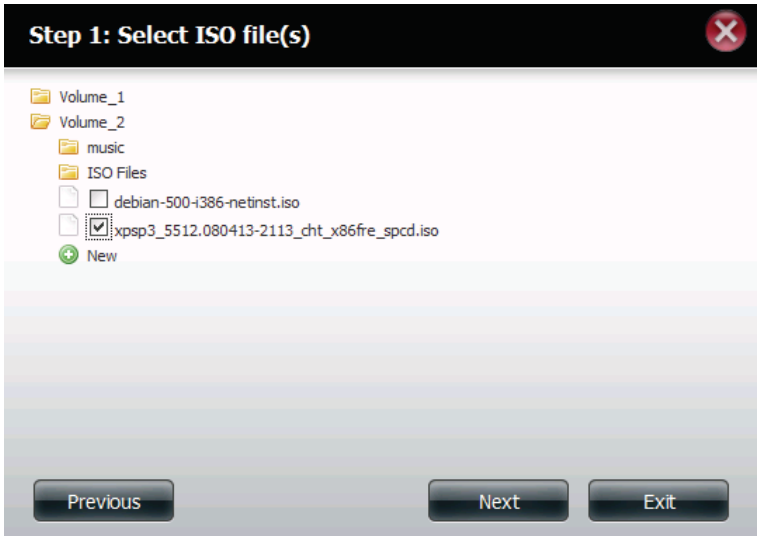
The following section will describe how to add a new ISO mount on the ShareCenter™. To add an ISO Mount, click on the **New** button. An easy to configure wizard will launch.

Click **Next** to continue.


Welcome to ISO shares setup wizard
The Wizard will guide you through the steps of steps. Begin by clicking on Next.
1.Select ISO file(s).
2.Shared Folder Access Rights.
3.Network Shares Settings.
4.Finish.
Next
Exit

Select the ISO file to mount.

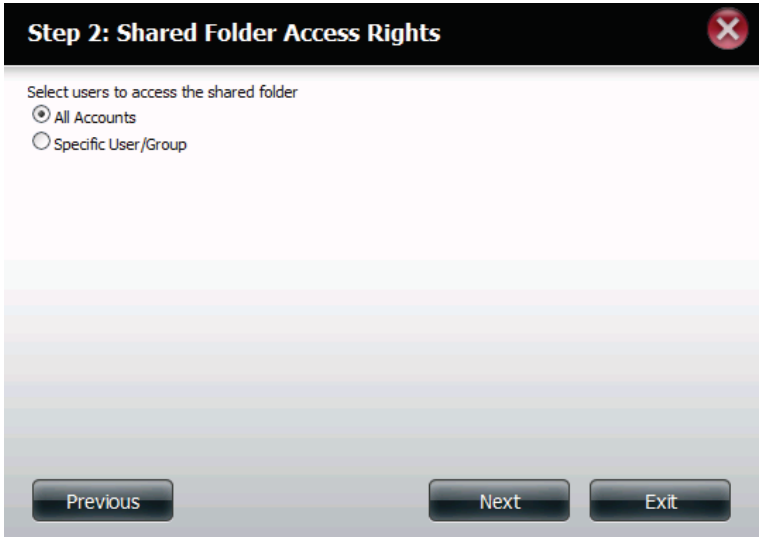
Check the box to the left of the .iso file to select it and click **Next** to continue.



Assign access privileges to this ISO Mount share.

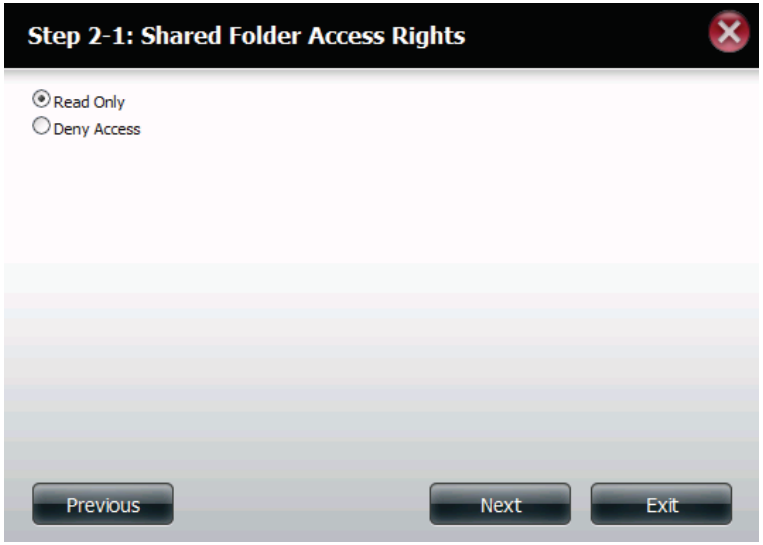
- Select **All Accounts** to assign the ISO Mount share read/deny privileges to all users.
- Select **Specific User/Group** in order to assign read/deny privileges to individual users and groups.

Click **Next** to continue.



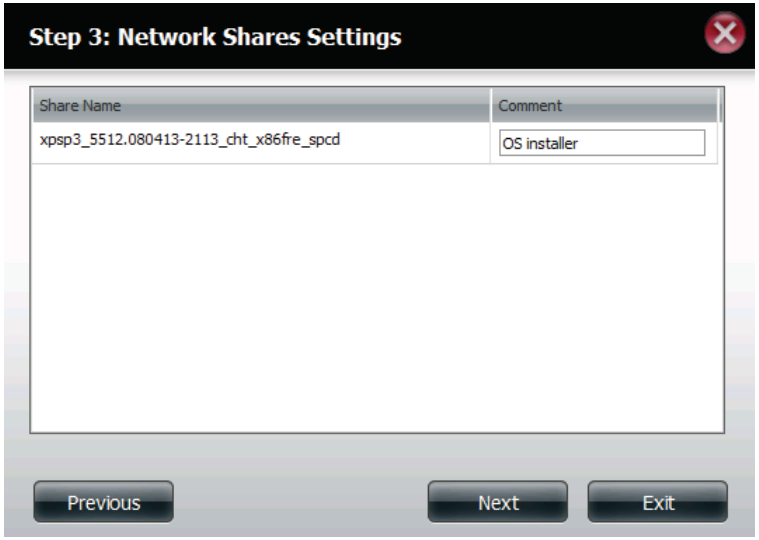
You can assign **Read Only** or **Deny Access** privileges to the ISO Mount share here. Click on the appropriate radio button for the privileges you would like to assign.

Click **Next** to continue.



Add a comment that describes the ISO Mount Share.

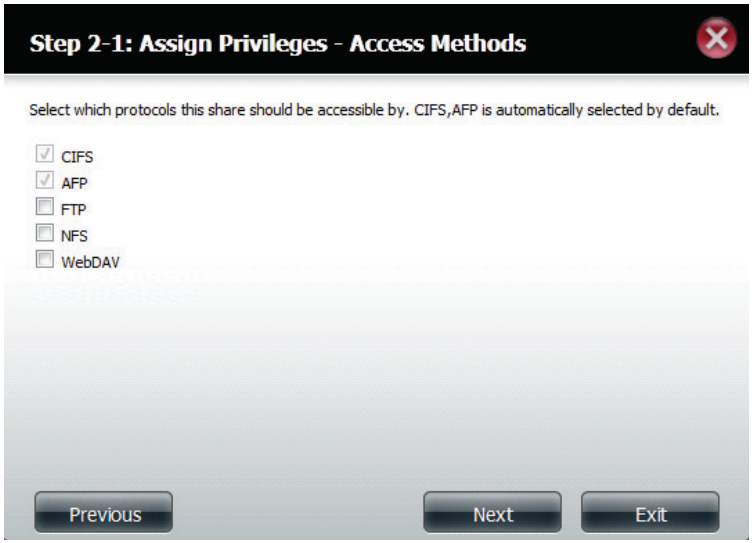
Click **Next** to continue.



Assign more protocol privileges that a user can use to access this share. Options to choose from are FTP, NFS and WebDAV. CIFS and AFP are set as default.

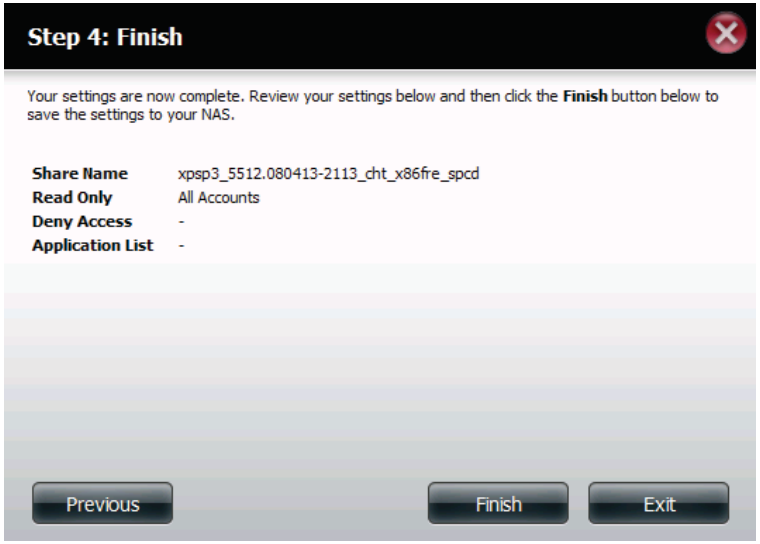
- CIFS is short for Common Internet File System.
- AFP is short for Apple Filing Protocol.
- FTP is short for File Transfer Protocol
- NFS is short for Network File System.
- WebDAV is short for Web-based Distributed Authoring and Versioning.

Click **Next** to continue.

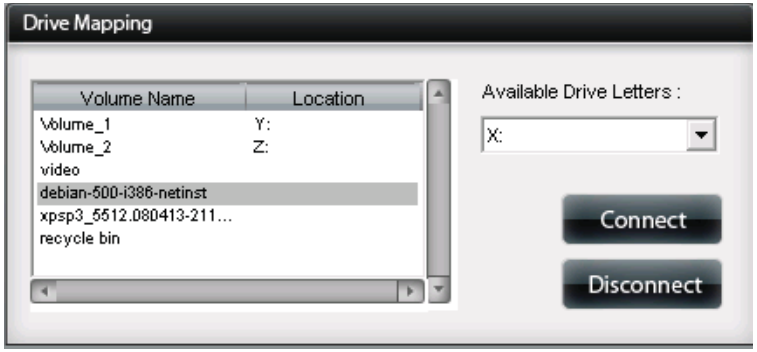


A summary of the share will be displayed.

Click on the **Finish** button to accept the change and complete the wizard.


Step 4: Finish
Your settings are now complete. Review your settings below and then click the Finish button below to save the settings to your NAS.
Share Name xpsp3_5512.080413-2113_cht_x86fre_spcd
Read Only All Accounts
Deny Access -
Application List -
Previous
Finish
Exit

Through the D-Link Storage Utility, the ISO Mount Share can now be mapped to your computer as a normal network share.

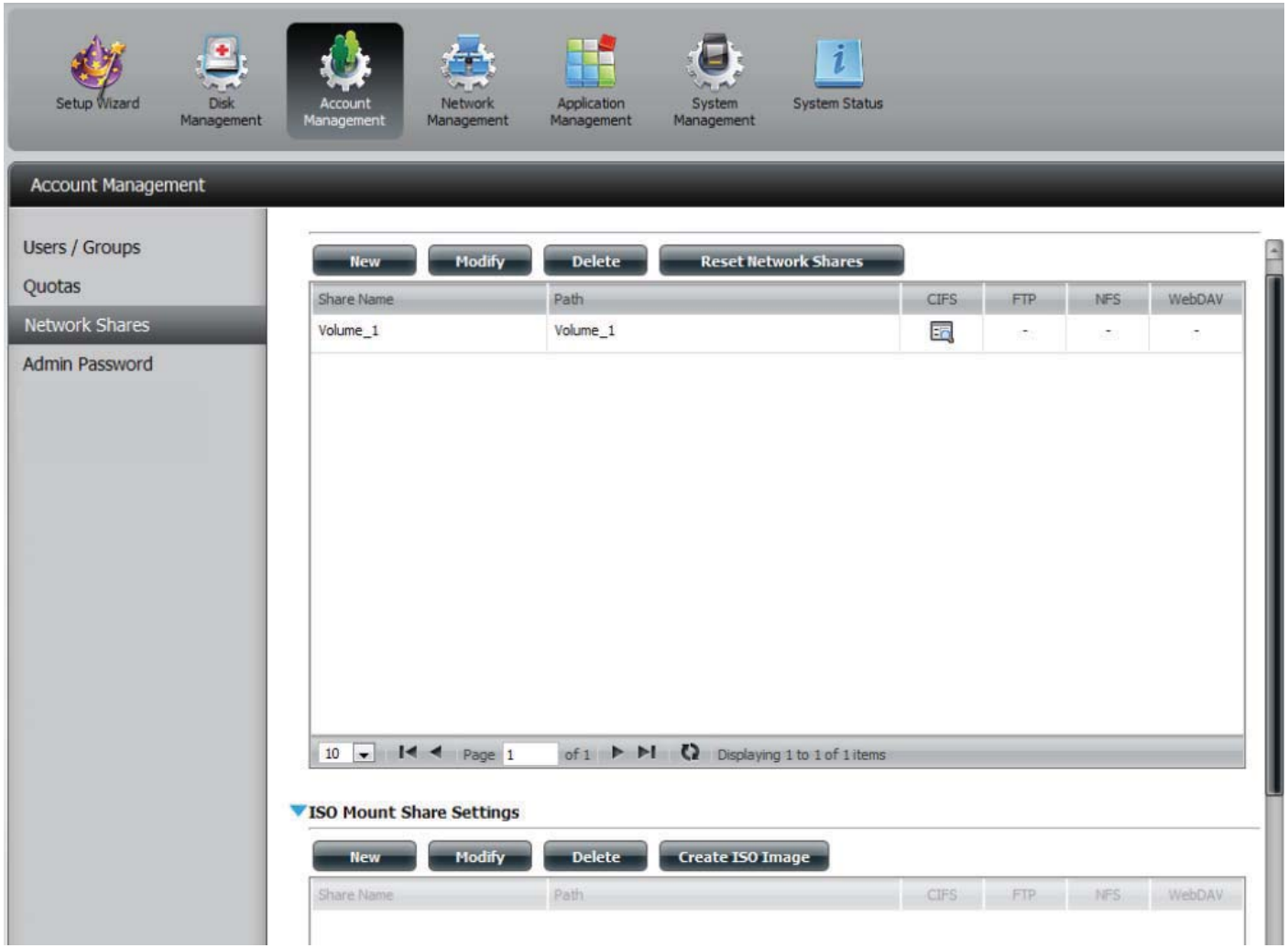


Creating an ISO Image

The following section will describe how to create an ISO image from your NAS, export the data out to your PC.

Click **Account Management** > **Network Shares** > **ISO Mount Share Settings.**

Click on the **Create ISO Image** button at the bottom.



ISO image Creation Wizard

The ISO image wizard helps you create an ISO image on your ShareCenter™ .

Read the instructions for the **ISO Image Creation Wizard** and then click **Next** to continue.

Welcome to the ISO Image Creation Wizard
This wizard guides you through the process of creating an ISO file. Click Next to continue.
Next
Exit

ISO Name and File Path Settings

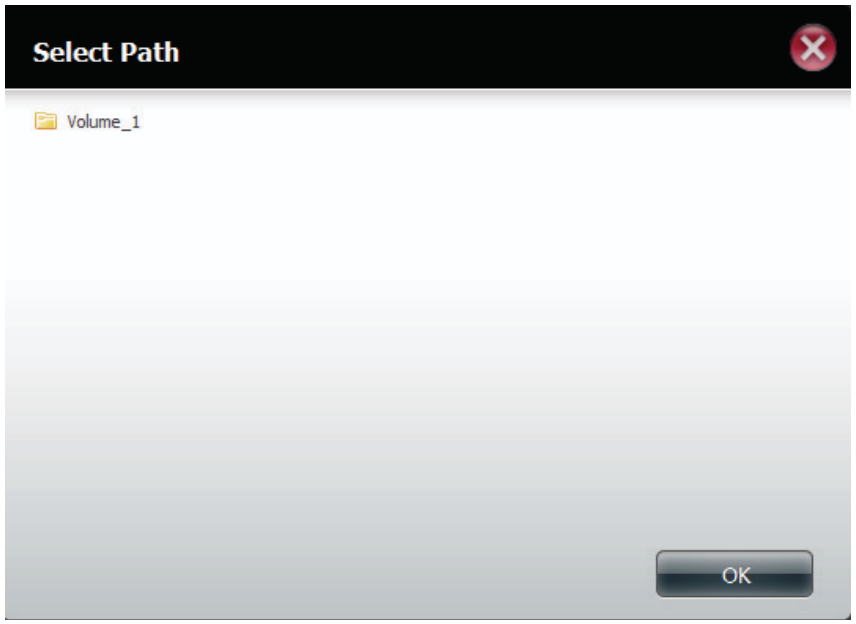
Select the **Image Size**.

There are three Image Size choices:

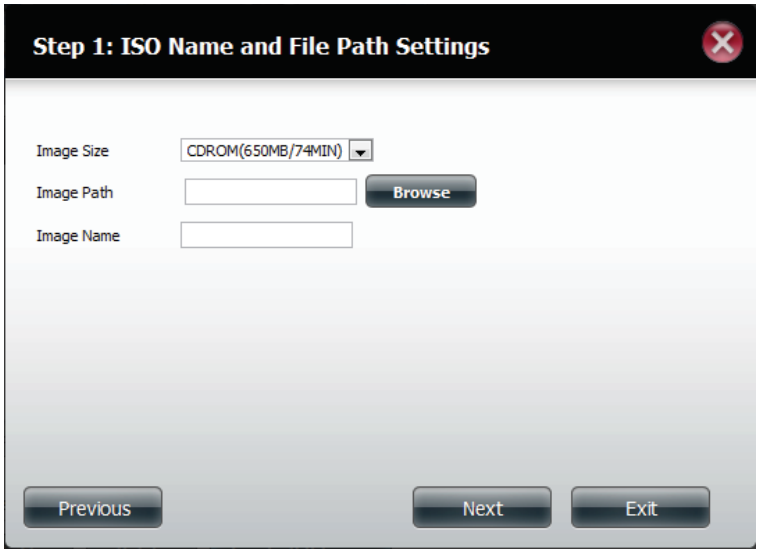
- CDROM (650MB/74MIN) - This creates an ISO file 650MB in size ready for burning onto a CDROM at a later stage.
- DVD5 (4.7GB) - This creates an ISO file 4.7GB in size ready for burning onto a single-layer DVD at a later stage.
- DVD9 (8.5GB) - This creates an ISO file 8.5GB in size ready for burning onto a double-layer DVD at a later stage.

Select the **Image Path**.

Click the **Browse** button to select the destination folder on your NAS. Click the **Volume** to save it there or click **New** to create a new directory.



Enter a name that resembles the ISO file you are writing. Click **Next**.



A warning message appears asking you to confirm your decision. Click **Yes** to continue or click **No** to cancel.

ISO Tree Editing

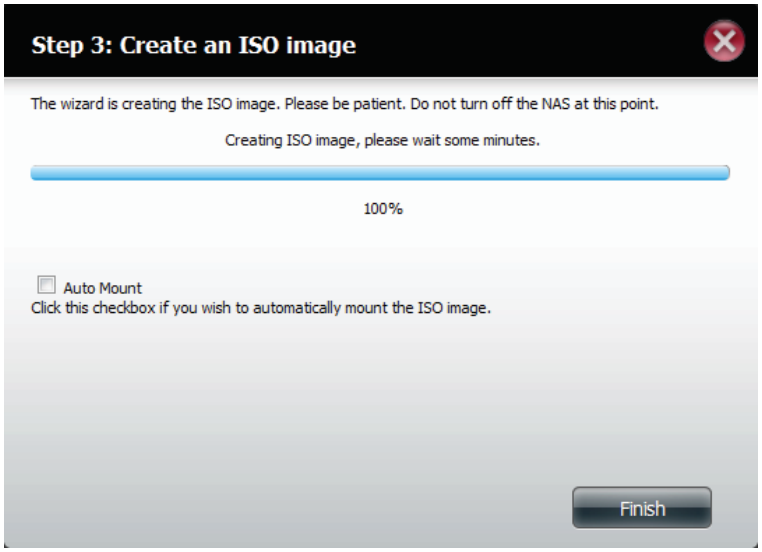
On the left side of the **ISO Tree Editing** window you have the option to **Overwrite** a previous ISO file or **Skip** it. It also displays the main directory on your NAS. Select the file(s) and click the **-->** button to add the file(s) to the ISO image. On the right side of the window it displays the total available space of the ISO file and the used space of the ISO. At the bottom of the window it shows the **path** where the ISO file will be saved.

Click **Next** to continue.

The wizard will create the ISO image.

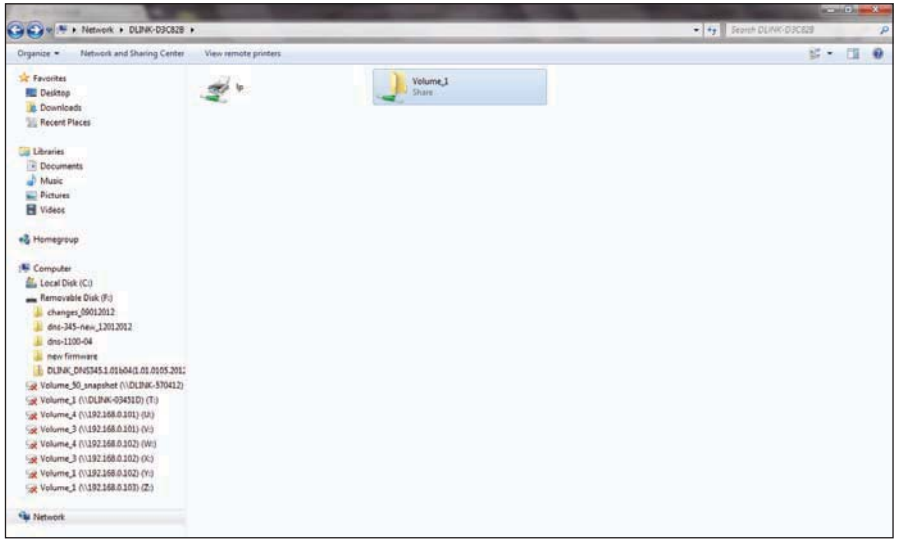
Click the **Auto Mount** checkbox if you want the ISO file to be mounted automatically.

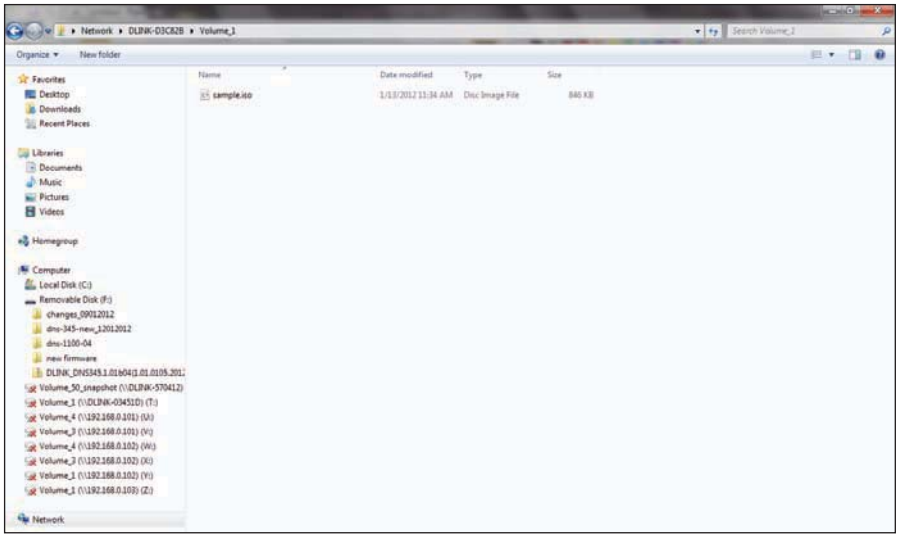
Click **Finish** to close the wizard.


Step 3: Create an ISO image
The wizard is creating the ISO image. Please be patient. Do not turn off the NAS at this point.
Creating ISO image, please wait some minutes.
100%
Auto Mount
Click this checkbox if you wish to automatically mount the ISO image.
Finish

Verifying the ISO image

Open your **Windows Explorer**, click the **Network** icon, **double-click** your **ShareCenter™ NAS**. Double-click the **volume** you saved the ISO. Your **ISO** image should be there.





Admin Password

Changes to the administrator username and password can be made here.

The Administrator Settings allows you to change the Username and Password settings.

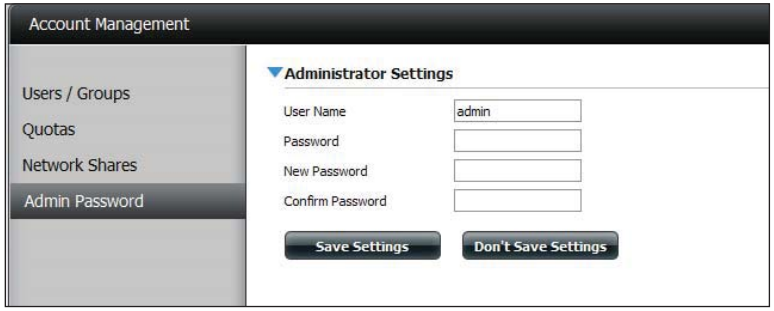
1. Enter a new **Username**

2. Type the **original Password**

3. Enter a **New Password**

4. Confirm the **New Password**

Click **Save Settings** to accept the changes or **Don't Save Settings** to cancel changes.



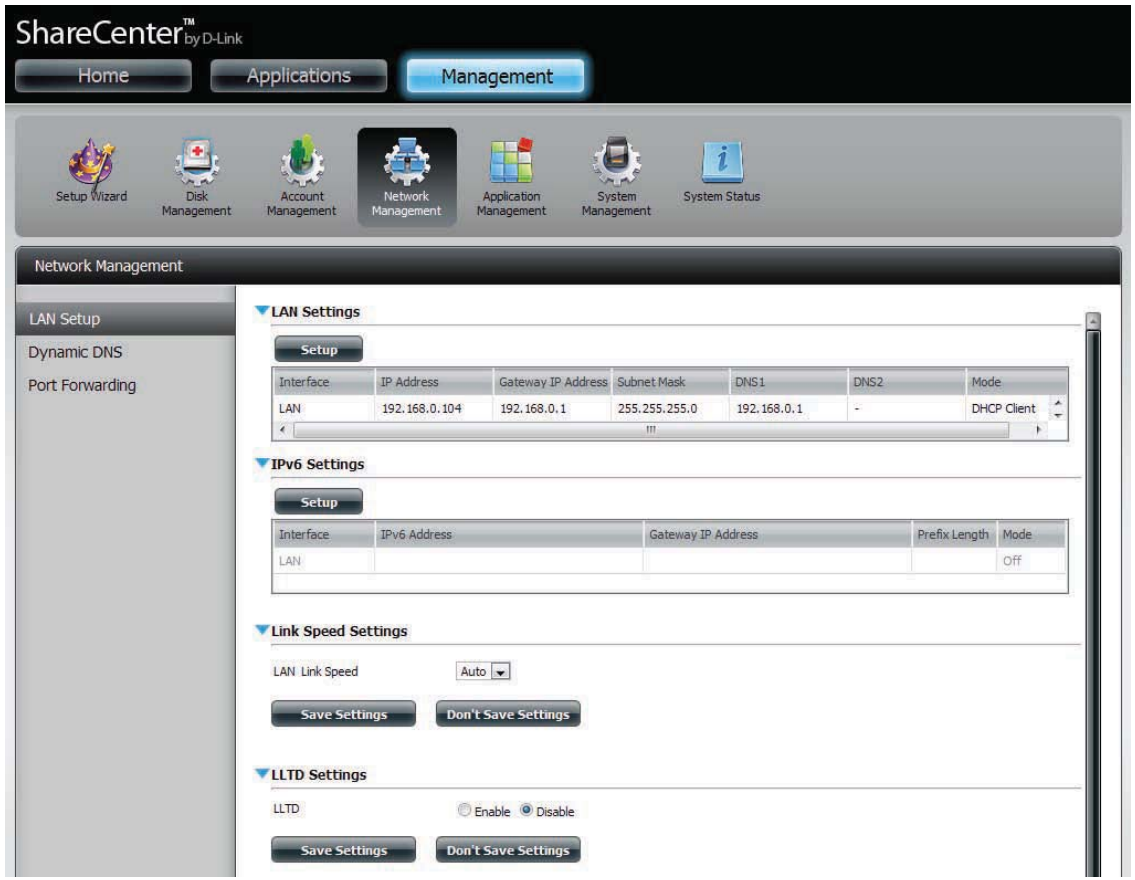
Network Management

LAN Setup

Network Management controls and manages all issues referring to LAN settings. Even though your LAN settings were configured in the Setup Wizard, it can still be configured here.

Go to **Network Management** and then **LAN Setup.**

Click **Setup**.



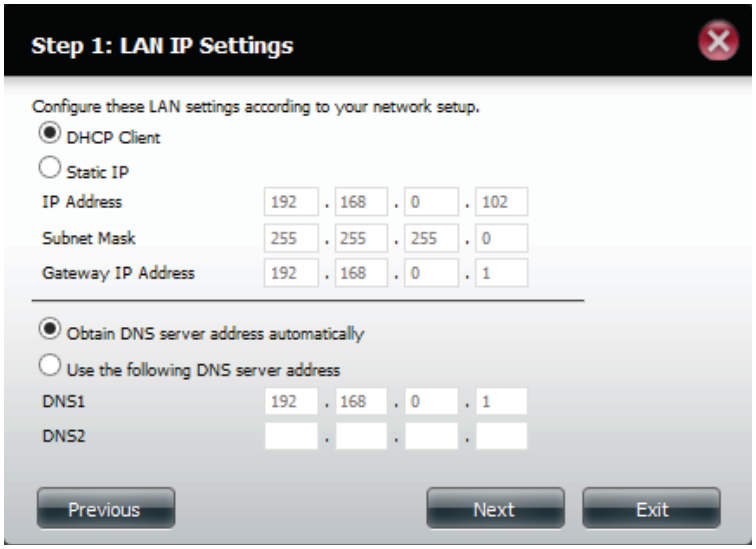
The LAN setup wizard gives you the option to configure the - IP settings.

Click **Next** to continue.

Welcome To The LAN Setup Wizard
This wizard provides step-by-step instructions on how to configure the LAN cards on your NAS.
Click Next to proceed.
1. IP Settings
2. Summary
Next
Exit

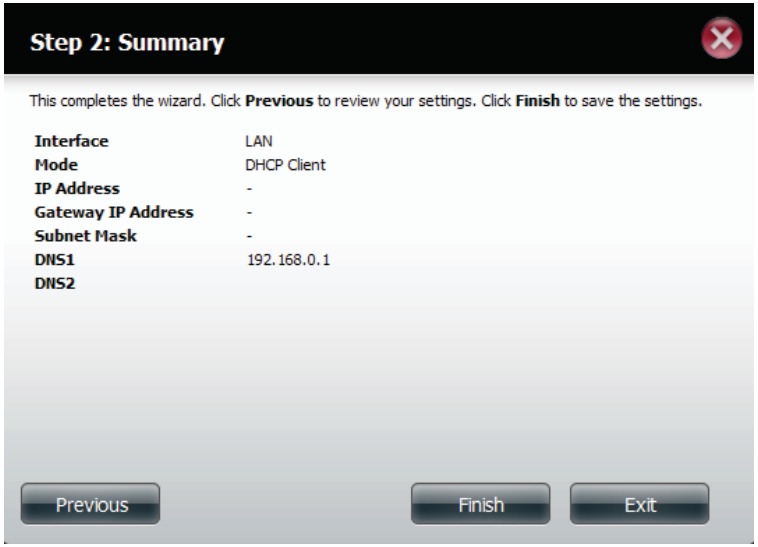
This step allows you to configure your LAN settings. Here you can choose between **DHCP Client** or **Static IP**. If you select Static IP, you will need to manually configure your own IP settings.

Click **Next** to continue.


Step 1: LAN IP Settings
Configure these LAN settings according to your network setup.
DHCP Client
Static IP
IP Address 192 . 168 . 0 . 102
Subnet Mask 255 . 255 . 255 . 0
Gateway IP Address 192 . 168 . 0 . 1
Obtain DNS server address automatically
Use the following DNS server address
DNS1 192 . 168 . 0 . 1
DNS2
Previous
Next
Exit

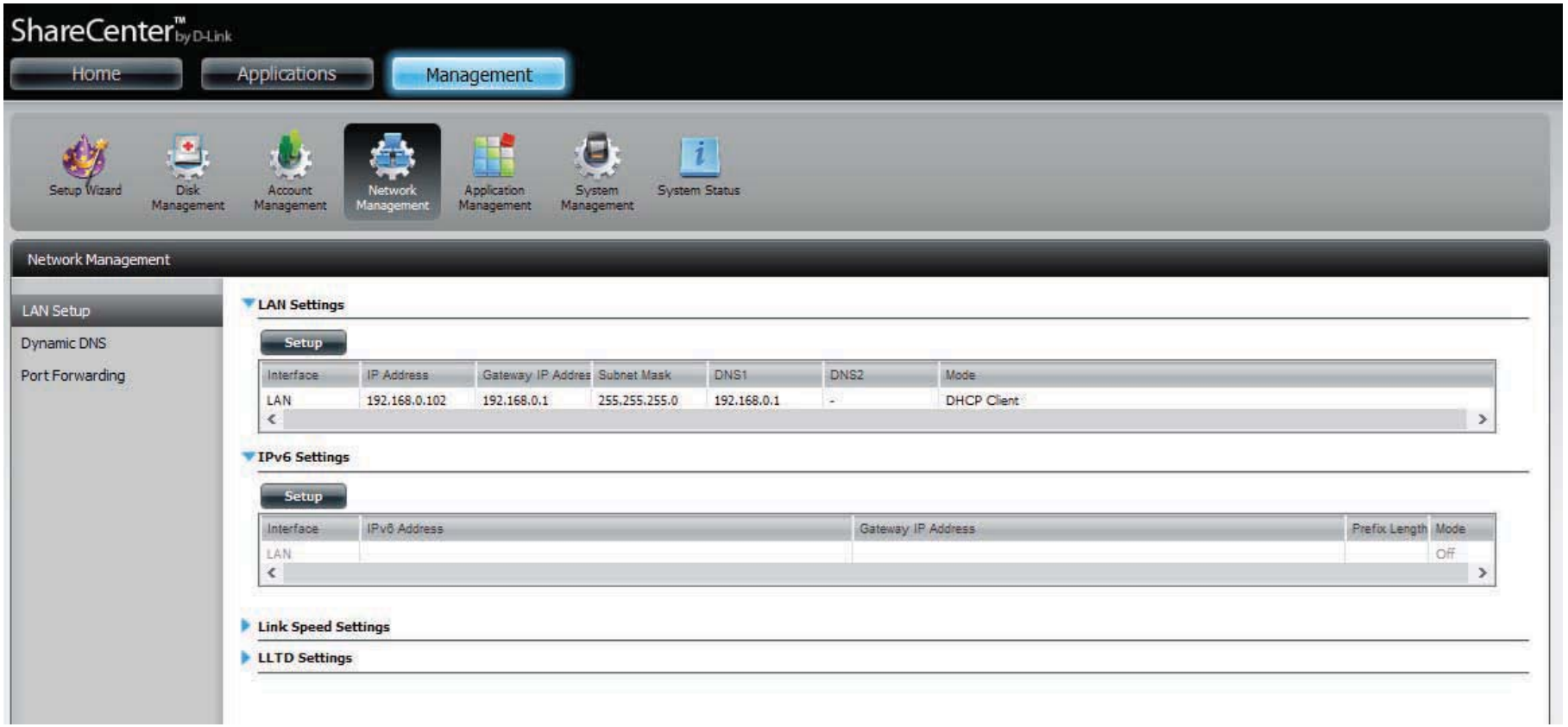
A summary of what you just configured will be displayed.

Click **Finish** to exit the wizard.



IPv6 Settings

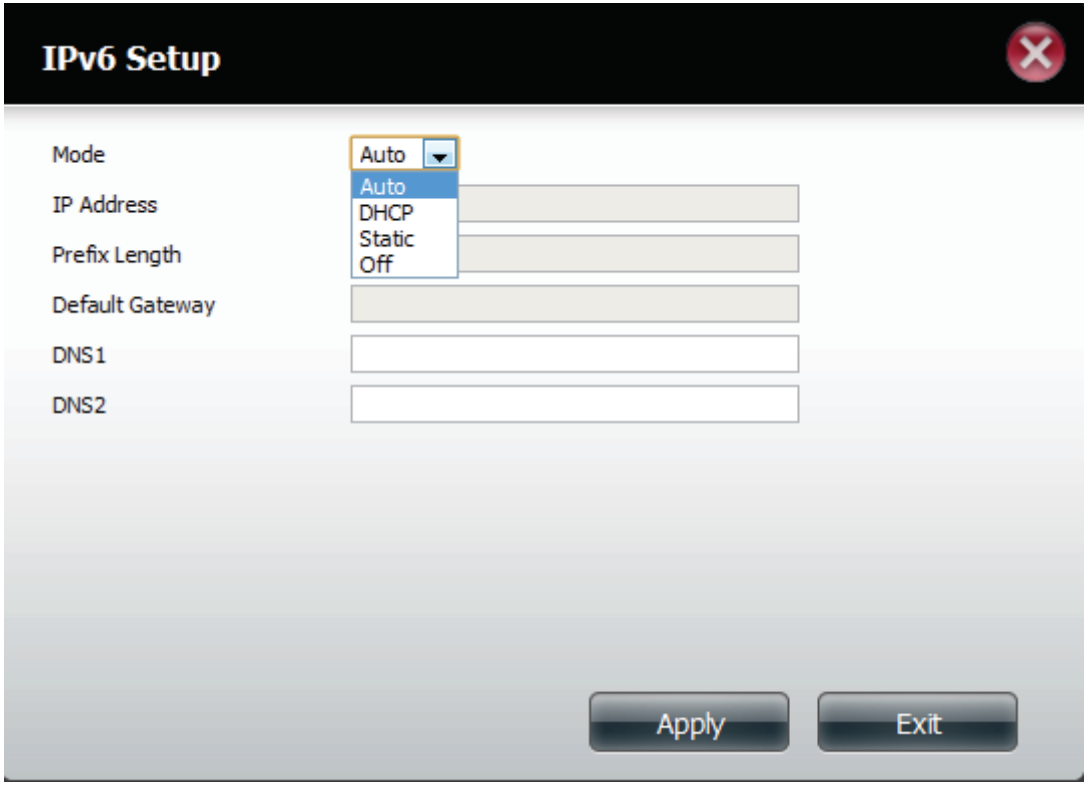
Go to **Management** > **Network Management** > **LAN Setup** > **IPv6 Settings** and click the **Setup** button. An IPv6 setup window will appear.



IPv6 Setup

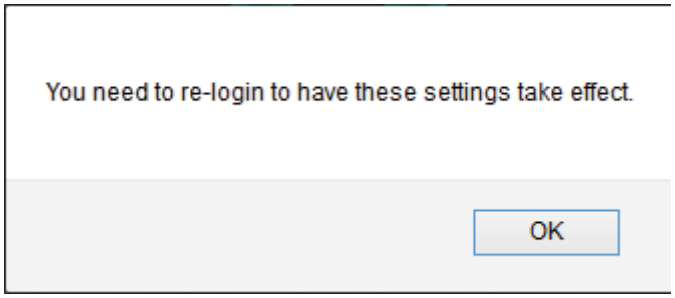
There are four connection modes to select from: **Auto**, **DHCP**, **Static** and **Off**.

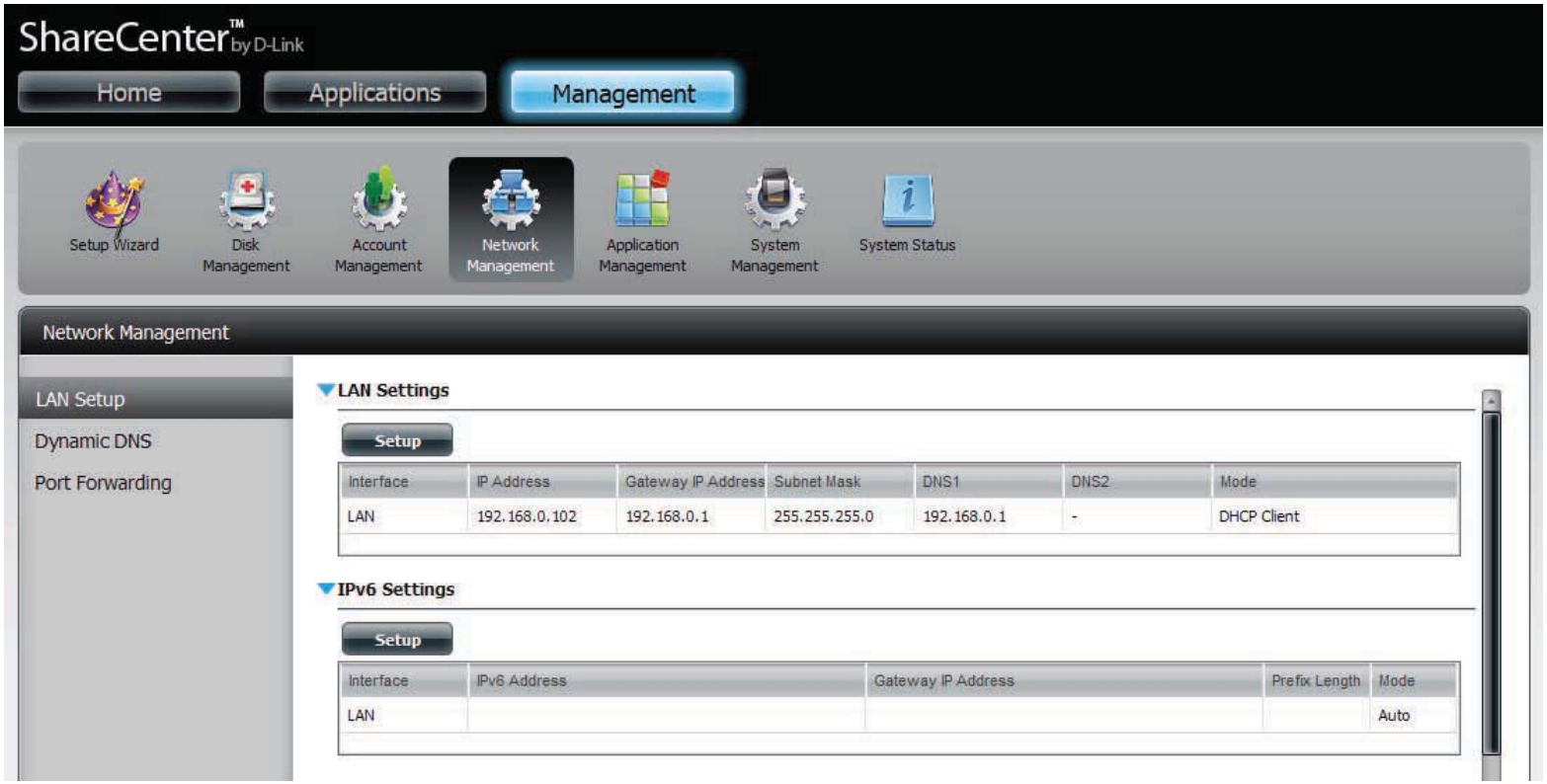
Auto - Requests information specifically from an IPv6-enabled router and automatically configure your settings.
DHCP - Requests information from a DHCP server.
Static - Enter your own IP configuration
Off - Do not use IPv6



When configuring IPv6 with Static Mode, enter the IP address provided by your system administrator. The prefix length for an IPv6 subnet will always be 64; no more, no less. Enter the Default Gateway, and DNS settings. Click **Apply** when complete. The IPv6 Settings table will now display the settings in table format.

In order for the changes to take effect, you are prompted to re-login. Click **OK** and log in.



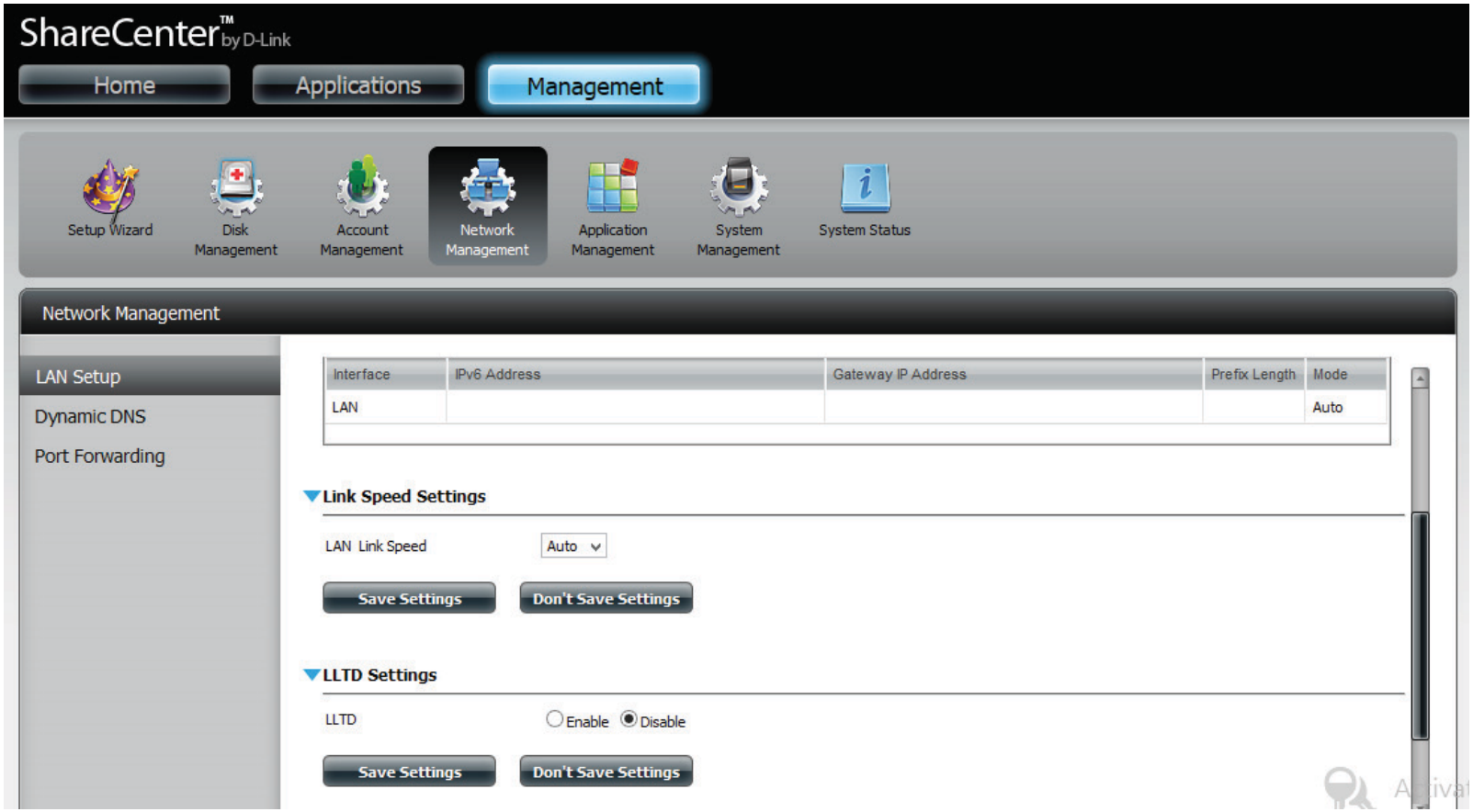


Link Speed and LLTD Settings

Link Speed: Select either **Auto (Auto-Negotiate)**, **100Mbps**, or **1000Mbps** from the drop-down menu. Click the **Save Settings** button to save the new settings.

LLTD: The device supports LLTD (Link Layer Topology Discovery) and is used by the Network Map application that is included in Windows Vista® and Windows® 7.

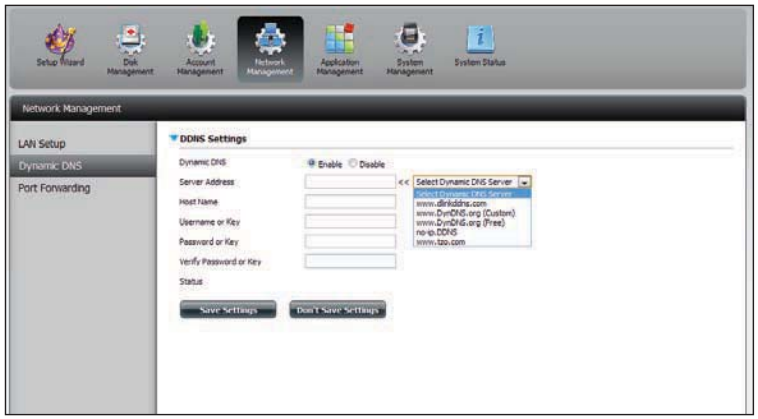
Select to enable or disable LLTD.



DDNS

The DDNS feature allows the user to host a server (Web, FTP, Game Server, etc…) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your domain name to connect to your server regardless of your IP address.

Go to **Network Management** and then **Dynamic DNS.**



DDNS: Select Enable or Disable.

Server Address: Select a DDNS Server from the combo box on the right hand-side, or type in the server address manually.

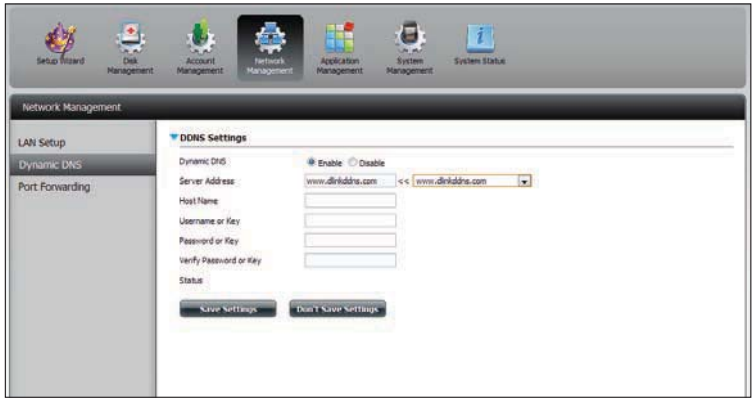
Host Name: Enter your DDNS host name.

Username or Key: Enter your DDNS username or key.

Password or Key: Enter your DDNS password or key.

Verify: Re-enter your password or key.

Status: Displays your DDNS status.



When the user clicks on the "Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com link, the user will be re-directed to the D-Link DDNS page.

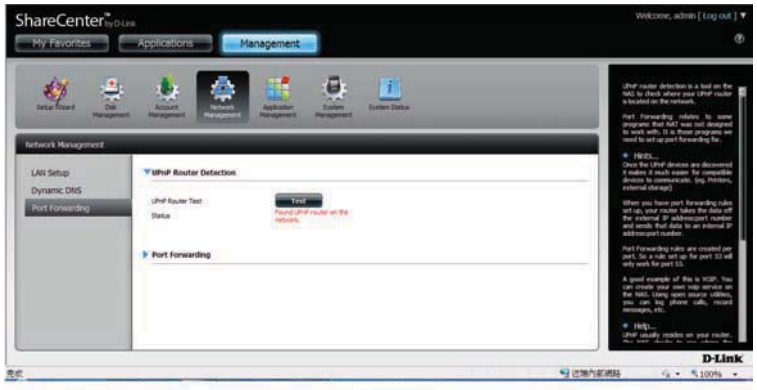
Here the user can create or modify a D-Link DDNS account to use in this configuration.

Port Forwarding

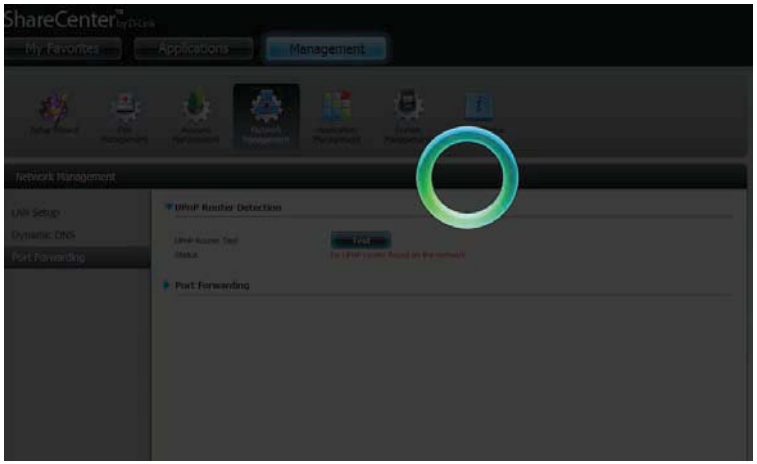
The DNS-327L supports UPnP port forwarding which configures port forwarding automatically on your UPnP-enabled router.

Note: *You will need a UPnP router on your network.*

Log in and click **Network Management** > **Port Forwarding**. Click **Test** to run a search.

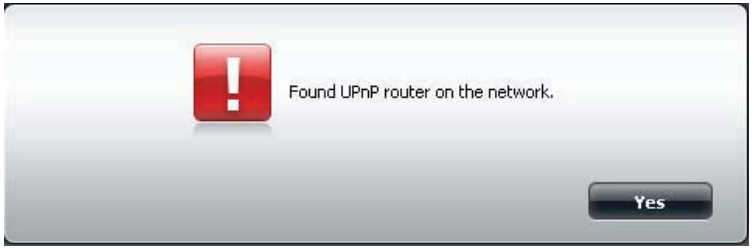


The DNS-327L is searching for a UPnP router. Do not turn off your NAS.

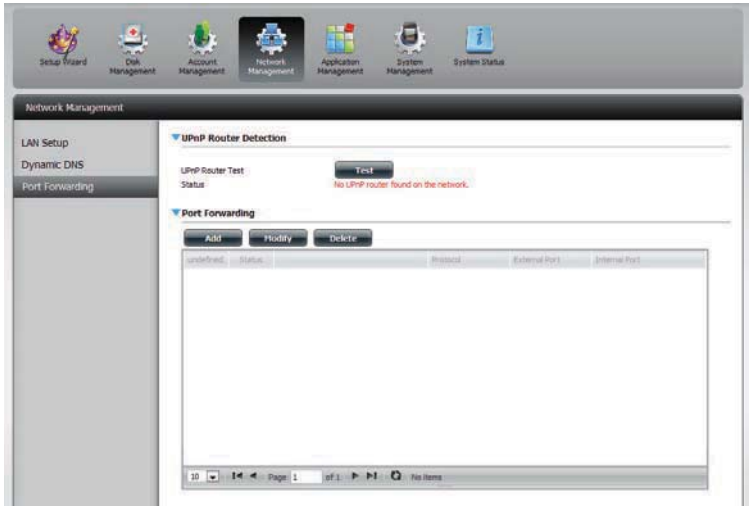


A message will notify you that the wizard has found a UPnP router on the network.

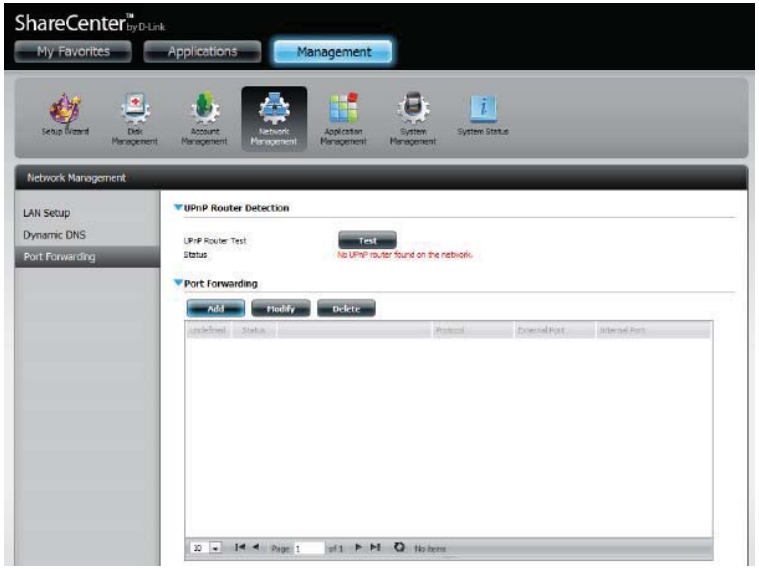
Note that you have to enable UPnP on your router.



Click the blue arrow next to port forwarding to reveal the Port Forwarding options.

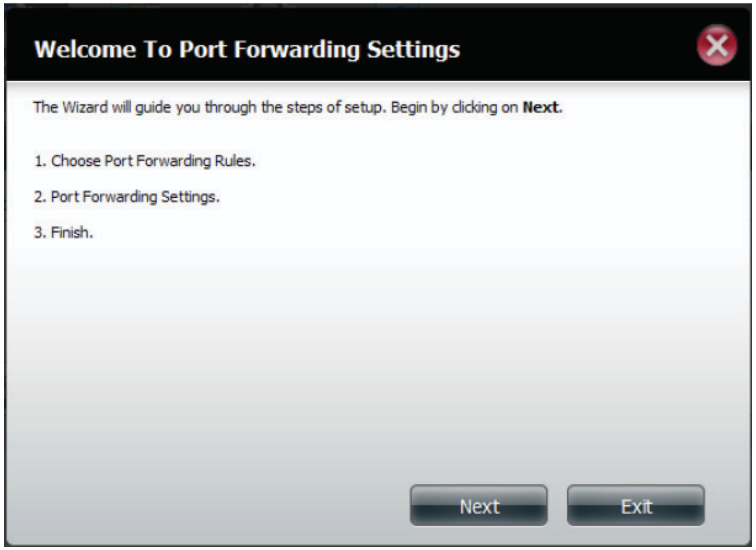


Click **Add**.



The Port Forwarding wizard will start.

Click **Next** to continue.


Welcome To Port Forwarding Settings
The Wizard will guide you through the steps of setup. Begin by clicking on Next.
1. Choose Port Forwarding Rules.
2. Port Forwarding Settings.
3. Finish.
Next
Exit

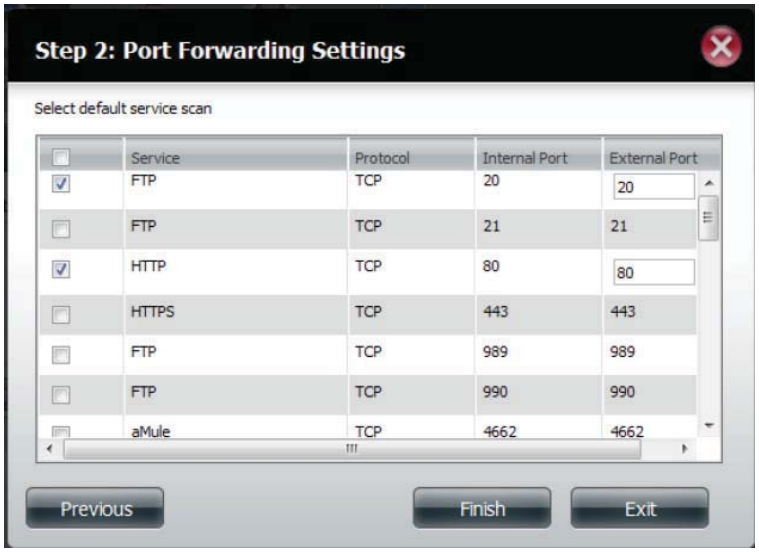
Select **Select default service scan** to select the port forwarding services from a list or select **Custom a port forwarding service** to manually configure your own settings.

Click **Next** to continue.

If you select default service scan, choose the service(s) to be allowed for remote access from the Internet via your UPnP-enabled router.

Note: *You can select more than one port.*

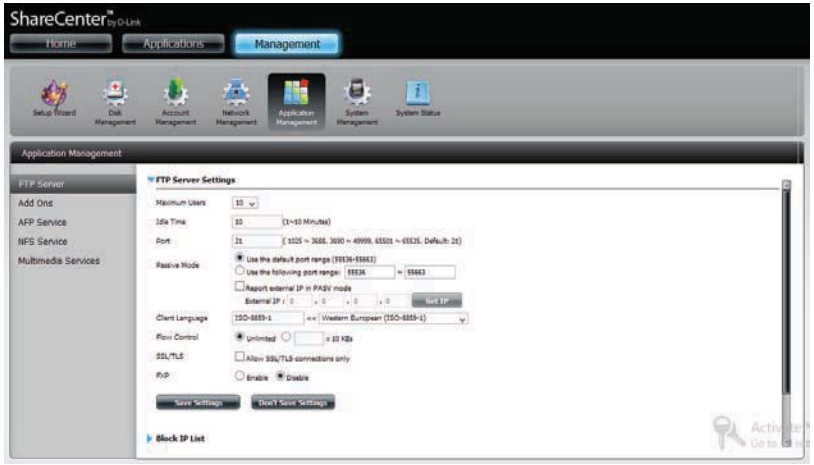
Click **Previous** to change the Port Forward Rule or **Finish** to configure the port forwarding on the UPnP router automatically.



Application Management

FTP server

The Application Management section allows you to configure many services for your DNS-327L. The server and service settings include: FTP server, Add-ons, AFP, NFS, and multimedia services. Let's begin by looking at configuration options for the FTP server.



Max User: Set the maximum amount of users that can connect to the FTP server.

Idle Time: Set the amount of time a user can remain idle before being disconnected.

Port: Set the FTP port. Default is 21. If you are behind a router, you will need to forward the FTP port from the router to the device. Additional filtering and firewall settings may need to be modified on your router to allow FTP Access to the device from the Internet. Once the port has been forwarded on the router, users from the Internet will access the FTP server through the WAN IP address of the router.

Passive Mode: In situations where the device is behind a firewall and unable to accept incoming TCP connections, passive mode must be used.

Client Language: Most standard FTP clients like Windows FTP, only support Western European code page when transferring files. Support has been added for non standard FTP clients that are capable of supporting these character sets.

Flow Control: Allow you to limit the amount of bandwidth available for each user.

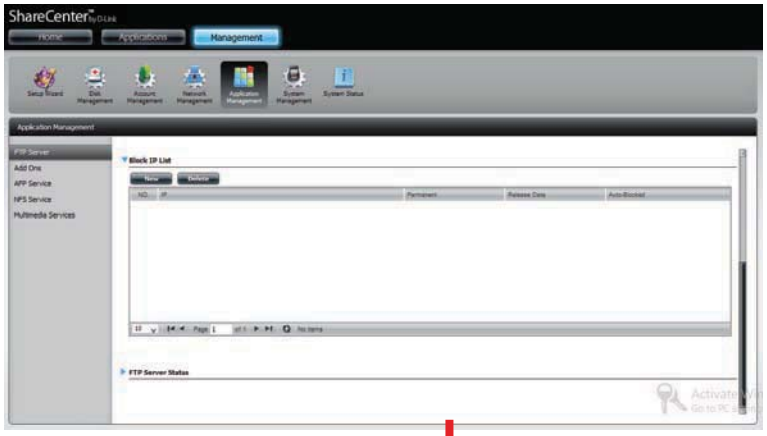
SSL/TLS: Here the user can enable the SSL/TLS connection only.

FXP: Enable or Disable File eXhange Protocol to transfer files from one FTP server to another.

Note: *In order to use FXP (File Exchange Protocol) for server-to-server data transfer, make sure to change the port from 21 to some other port as listed in the Port section of the Web UI. Also, make sure to open the corresponding port on your router and forward that port from your router to the device.*

Block IP List

Block IP List allows you to block IP address that you consider threatening to your network. Click the blue arrow to open the configuration window.

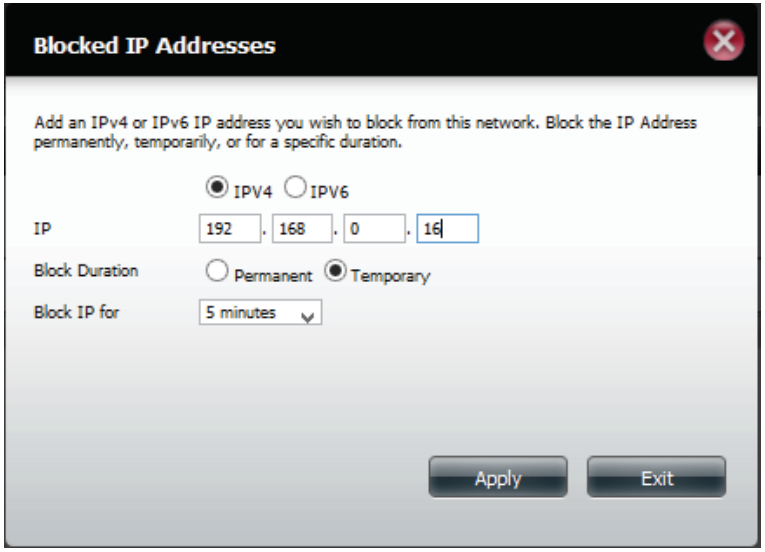


The window expands to include a Blocked IP list and a FTP Server Status report. Click the blue arrow to see the drop-down list.

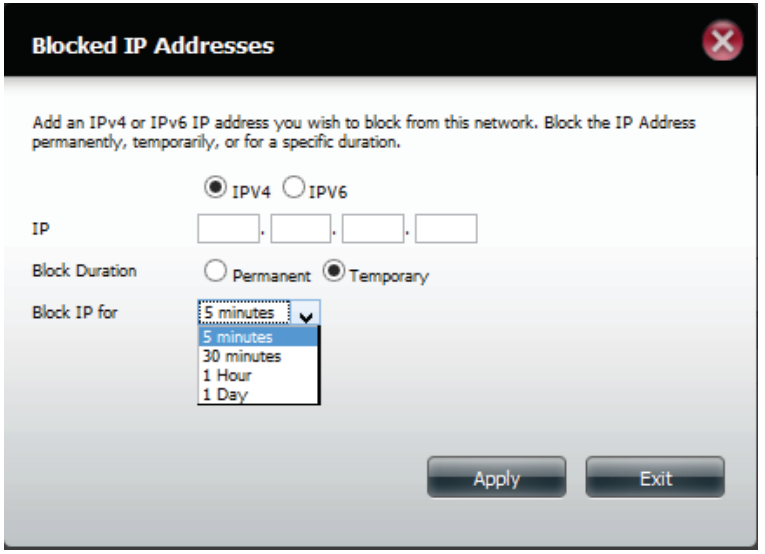
Click **New** to block a specific IP address.

Select **IPv4** or **IPv6** and then enter the IP address of a machine you wish to block. Select **Permanent** if you wish to block the IP address permanently or **Temporary** if you wish to set a time frame.

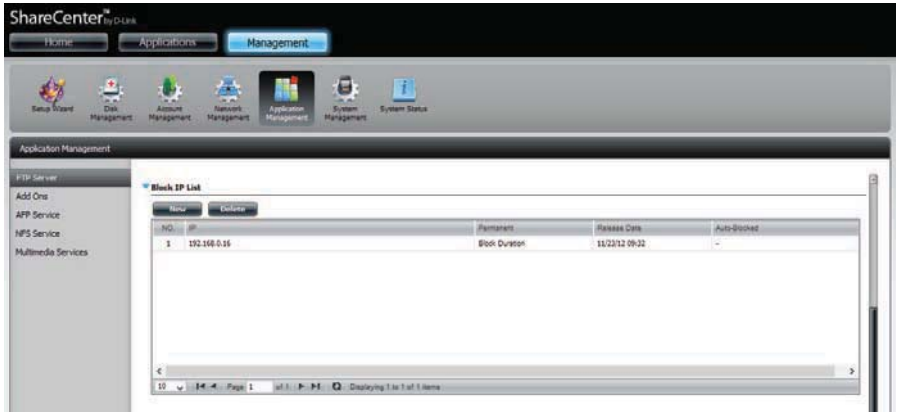
If you selected permanent, click **Apply** and continue.



If you selected **Temporary**, then select a time frame and click **Apply** to continue.



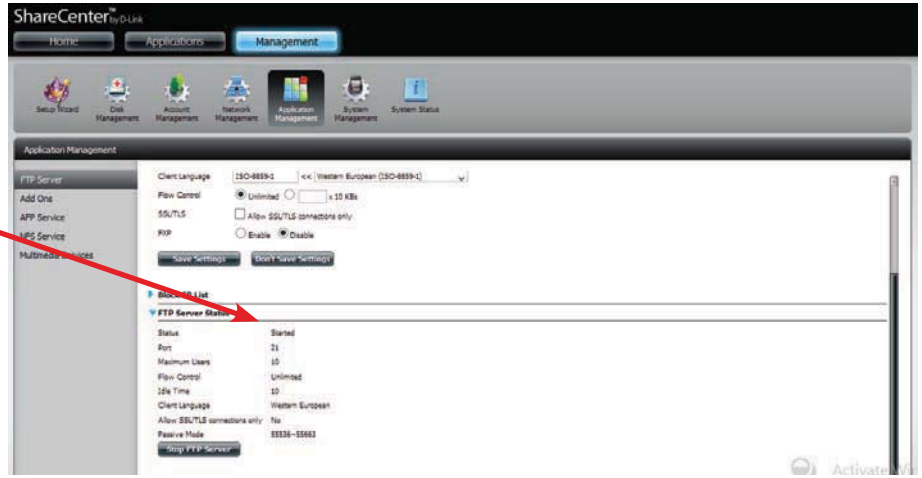
The **Blocked IP** list will display the IP addresses you blocked.



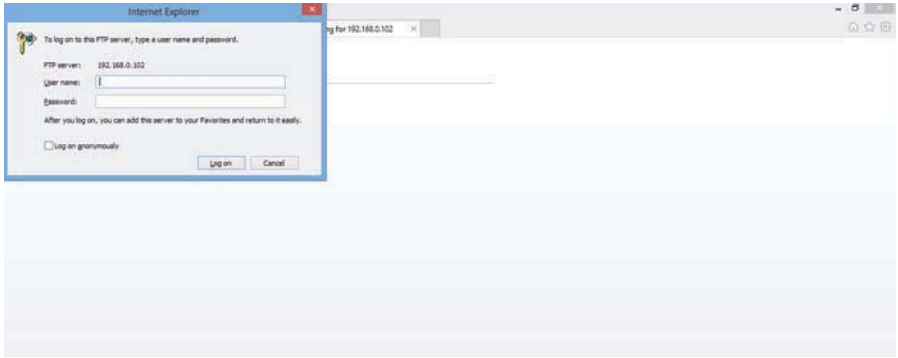
Click the blue arrow next to **FTP Server Status** to reveal the FTP details.

The FTP server is stopped by default. Click **Start FTP Server** to run the process.

After you have clicked the **Start** button, the **Status** shows **Started.**



Open your default browser or FTP application and log-in to your FTP server.


Internet Explorer
To log on to this FTP server, type a user name and password.
FTP server:
192.168.0.102
User name:
Password:
After you log on, you can add this server to your Favorites and return to it easily.
Log on anonymously
Log on
Cancel

Add-ons

Add-ons add extra services to the DNS-327L. Here is a look at each Add-on service available.

AjaXplorer: Ajaxplorer provides an enhanced "explorer like" interface which can download and upload ShareCenter™ files over the internet. Ajaxplorer also allows a user, on any internet connection, to stream video/audio and view image files that are stored on the ShareCenter™ . Set the amount of time a user can remain idle before being disconnected.

Photo Center: The Photo Center add-on sets up your ShareCenter™ to share your photos over the web. It provides a convenient interface from which you can create albums of photos with descriptions. The albums are then accessible over the web using HTTP so that your family and friends can then view your ShareCenter™ stored photos from any internet connection.

Squeeze Center: Use the SqueezeCenter add-on to connect your Logitech Media Squeezebox player so that it can play music files stored on your ShareCenter™ .

Blog (Wordpress): Create your own ShareCenter™ based customized Blog. Using the ShareCenter's™ internet connection the Blog created using WordPress can be accessed and commented on from any internet connection.

Audio Streamer: Turn your ShareCenter™ into an Internet Streaming Music site. From your ShareCenter,™ the Audio Streamer add-on can transmit multiple streams of playing music files to any internet connection.

aMule: aMule is a P2P application for finding a variety of different media. It enables users to search for P2P files over networks. It works on all major platforms..

Joomla: Create your own ShareCenter™ based customized CMS(Content Management System). Using the ShareCenters™ internet connection the CMS can be accessed and commented on from any internet connection.

phpBB: Create your own ShareCenter™ based customized Forum. Using the ShareCenters™ internet connection the Forum can be accessed and commented on from any internet connection.

phpMyAdmin: Manage your own ShareCenter™ MySQL database by phpMyAdmin. Using the ShareCenters™ internet connection the phpMyAdmin can be accessed and used from any internet connection.

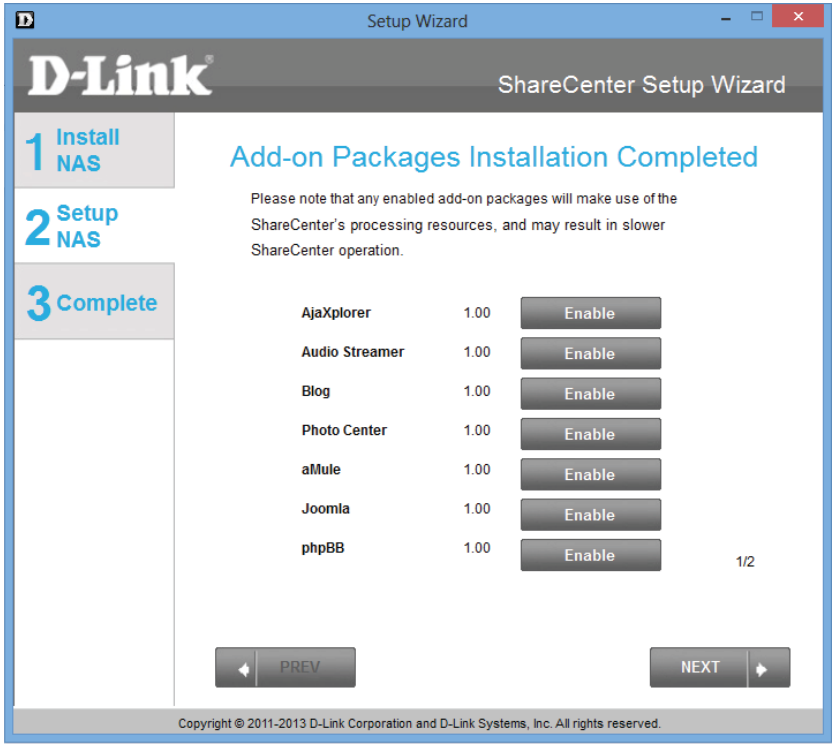
Transmission: The ShareCenter's P2P functionality is enhanced with the Transmission add-on by downloading P2P files. Transmission also provides a full featured P2P Web UI interface can be launched to work with your ShareCenter P2P functionality.

Caution: The ShareCenter's CPU resources get used up quite a bit depending on the number of Add-ons you have enabled. For optimal performance make sure to disable any add-ons not in use.
Note: To check the complete list of Add-on application software available consult your local D-Link support page

Add-Ons

The ShareCenter™ features a list of Add-Ons that is available on your installation CD. These Add-Ons can be installed from this location. They include, Photo Center, aMule, AjaXplorer, Audio Streamer, Blog, Joomla, phpBB, phpMyAdmin, Squeeze Center and Transmission. The Add-Ons panel provides a version number, Signature, Status, Start/Stop, and Delete options. The Add-On packages can also be installed using the Setup Wizard.

Installing Add-Ons from the Setup Wizard


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
AjaXplorer 1.00 Enable
Audio Streamer 1.00 Enable
Blog 1.00 Enable
Photo Center 1.00 Enable
aMule 1.00 Enable
Joomla 1.00 Enable
phpBB 1.00 Enable
1/2
PREV
NEXT
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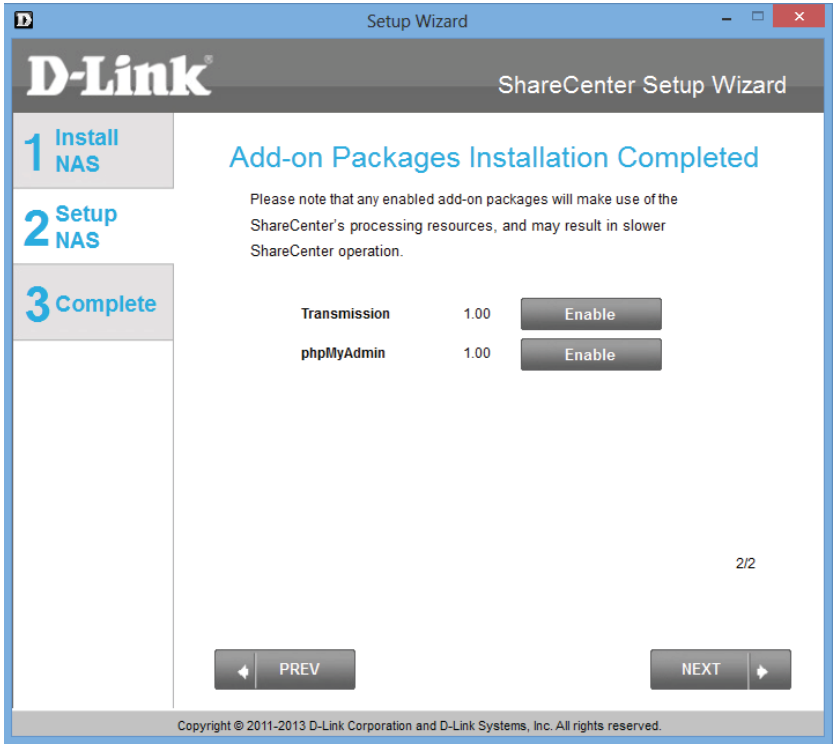
Click on each of the buttons of the **Add-On** you wish to enable. This installs the Add-On packages.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
Transmission 1.00 Enable
phpMyAdmin 1.00 Enable
2/2
PREV
NEXT
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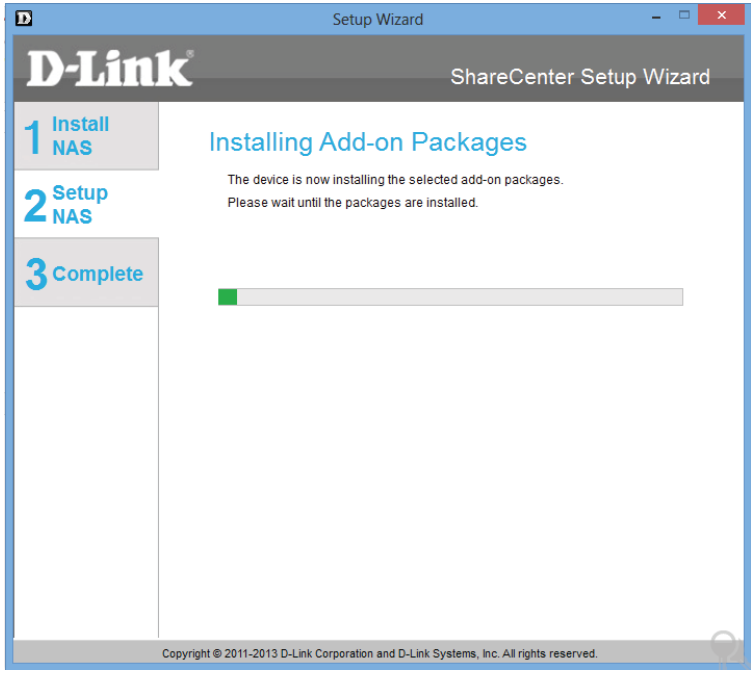
Click on each of the buttons of the **Add-On** you wish to enable. This installs the Add-On packages.

The wizard installs the selected packages.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Installing Add-on Packages
The device is now installing the selected add-on packages.
Please wait until the packages are installed.
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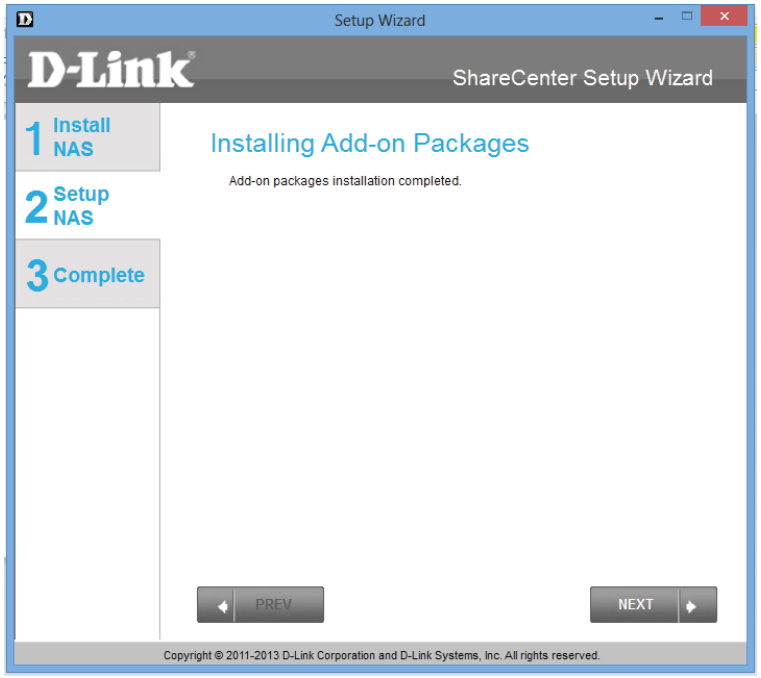
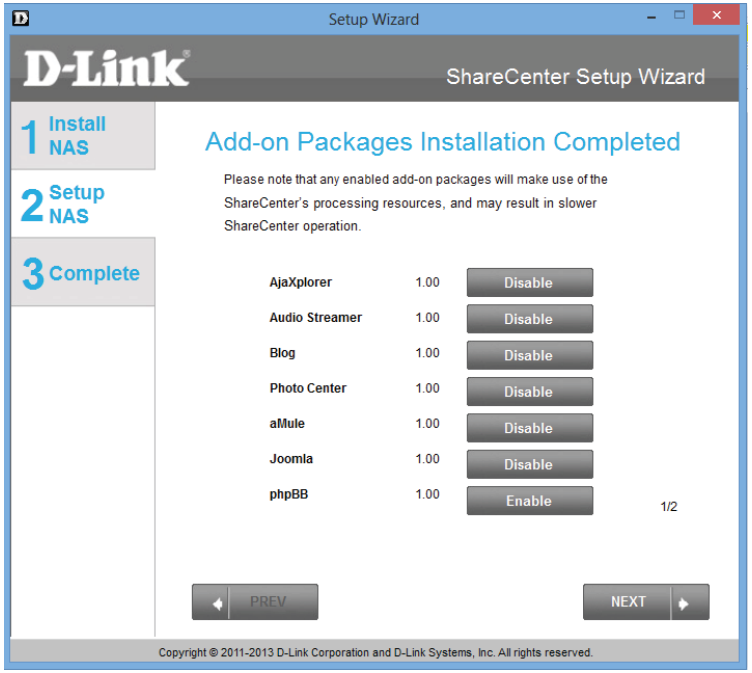
When the installation is complete click **Next**.



The next two windows shows the packages installed. You can also disable it from this location.


Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
AjaXplorer 1.00 Disable
Audio Streamer 1.00 Disable
Blog 1.00 Disable
Photo Center 1.00 Disable
aMule 1.00 Disable
Joomla 1.00 Disable
phpBB 1.00 Enable
1/2
PREV
NEXT
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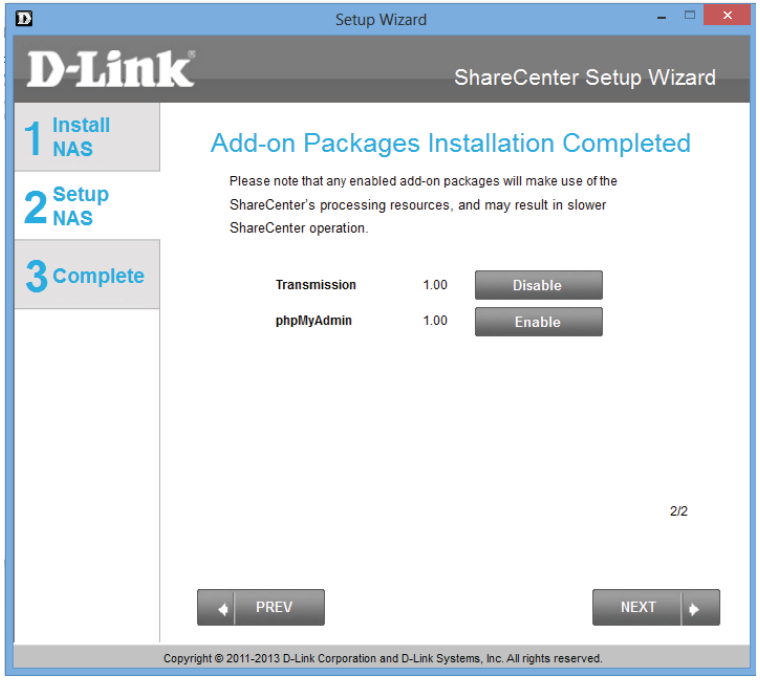
Setup Wizard
D-Link
ShareCenter Setup Wizard
1 Install NAS
2 Setup NAS
3 Complete
Add-on Packages Installation Completed
Please note that any enabled add-on packages will make use of the ShareCenter's processing resources, and may result in slower ShareCenter operation.
Transmission 1.00 Disable
phpMyAdmin 1.00 Enable
2/2
PREV
NEXT
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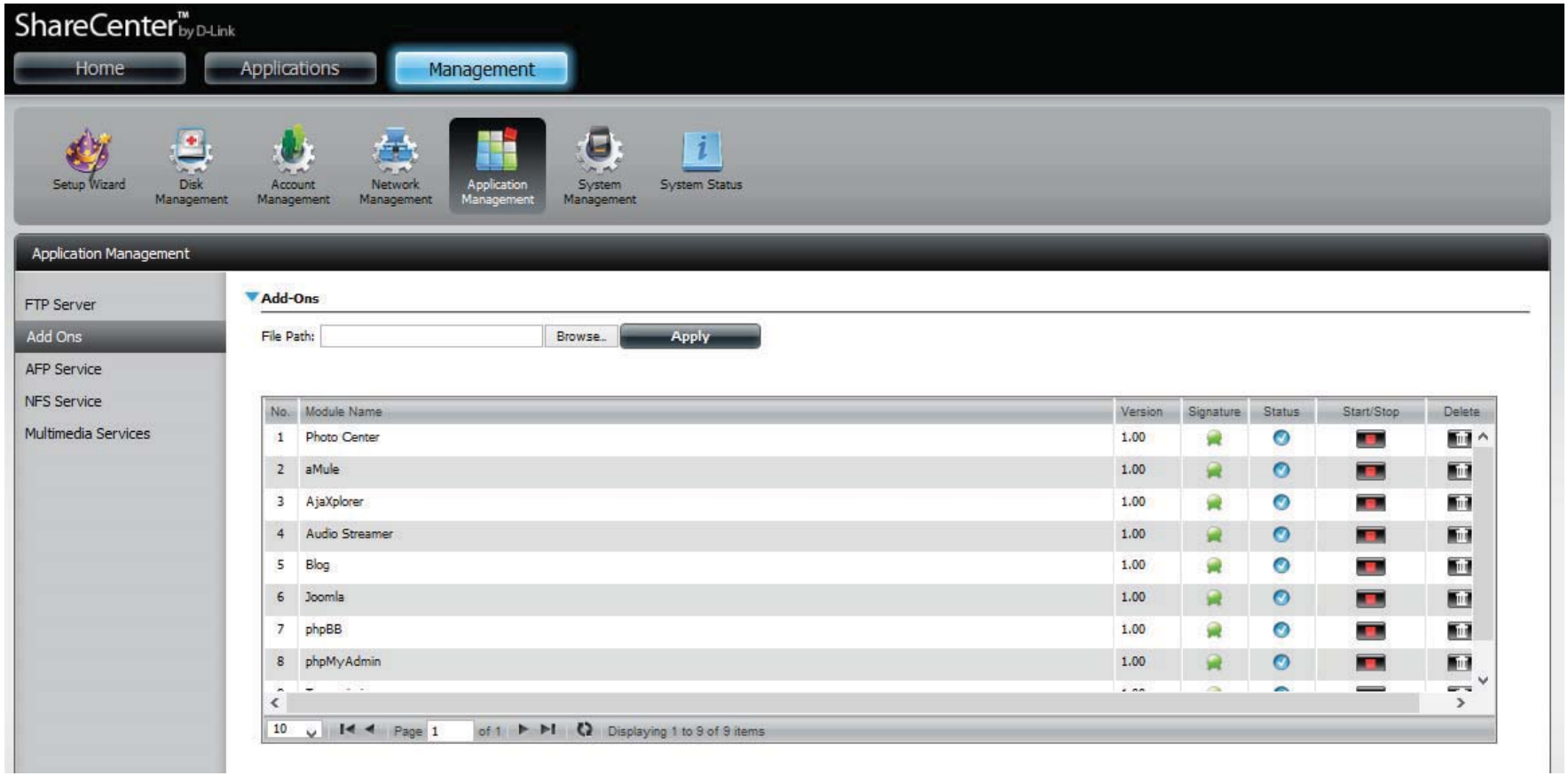
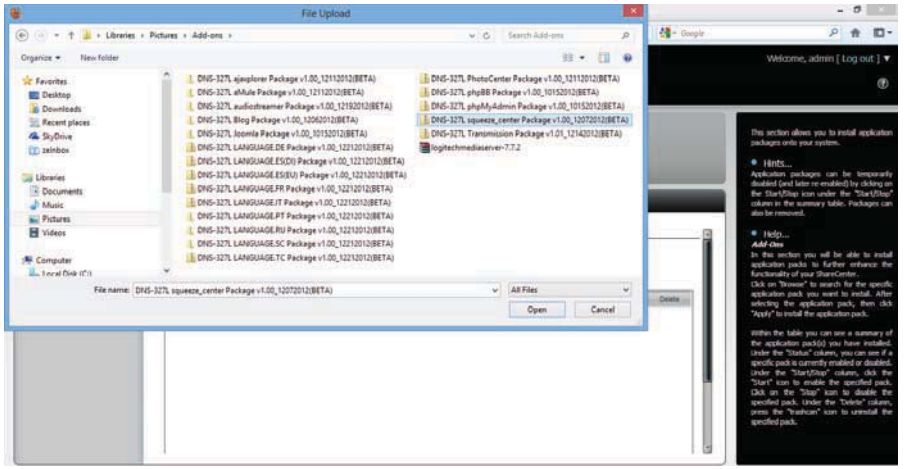
Installing Add-ons from the Web UI

Open your default browser and go to **Management, Application Management, Add-Ons**.



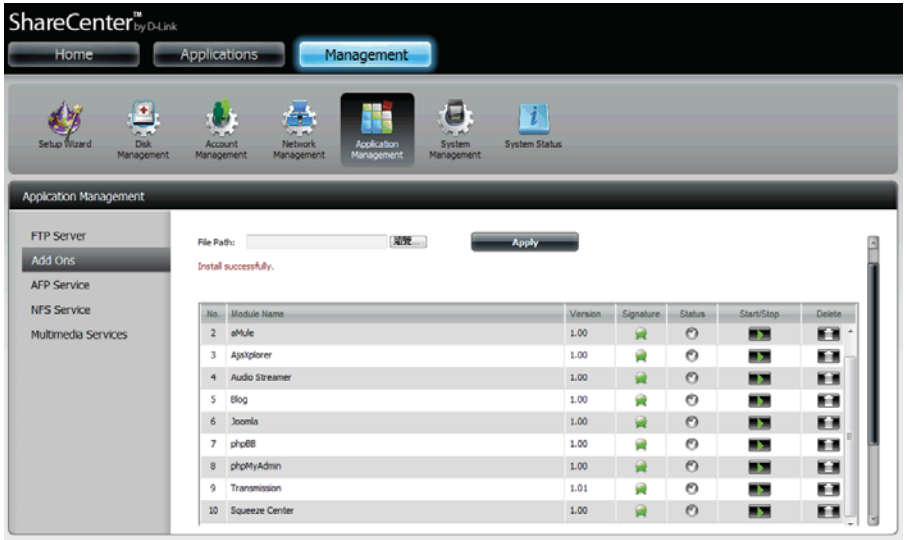
The target program is available on the ShareCenter™ CD. Alternatively, you can download the program from D-Link's support site and install it .



Click Browse to locate the add on packages on your local hard drive. Once you have located the file, select it and click Open.

Once the path of the package you want to install has been located, click Apply to add the package.

Under Add-ons, a red message will appear to show that the installation of the package was successful.



Click the **Start** button under **Start/Stop** to enable the add-on.

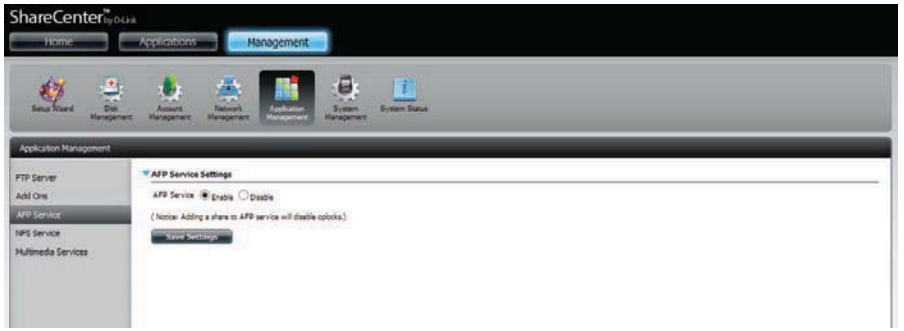
AFP Service

The ShareCenter™ supports Apple Filing Service for connectivity with Mac OS® based computers. If you need to use AFP service enable it here otherwise leave it disabled to reduce CPU resource overhead.

Click **Application Management** > **AFP Service.**

Click the **Enable** radio button to turn AFP service on.

Click **Save Settings**.



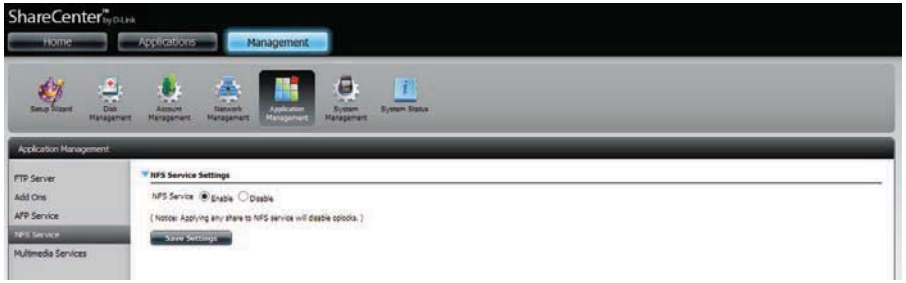
NFS Service

The ShareCenter™ supports Network File System (NFS) service. To enable this multi-platform file system on your ShareCenter™ enable it here. Otherwise disable the option to prevent unnecessary CPU overhead.

Click **Application Management** > **NFS Service.**

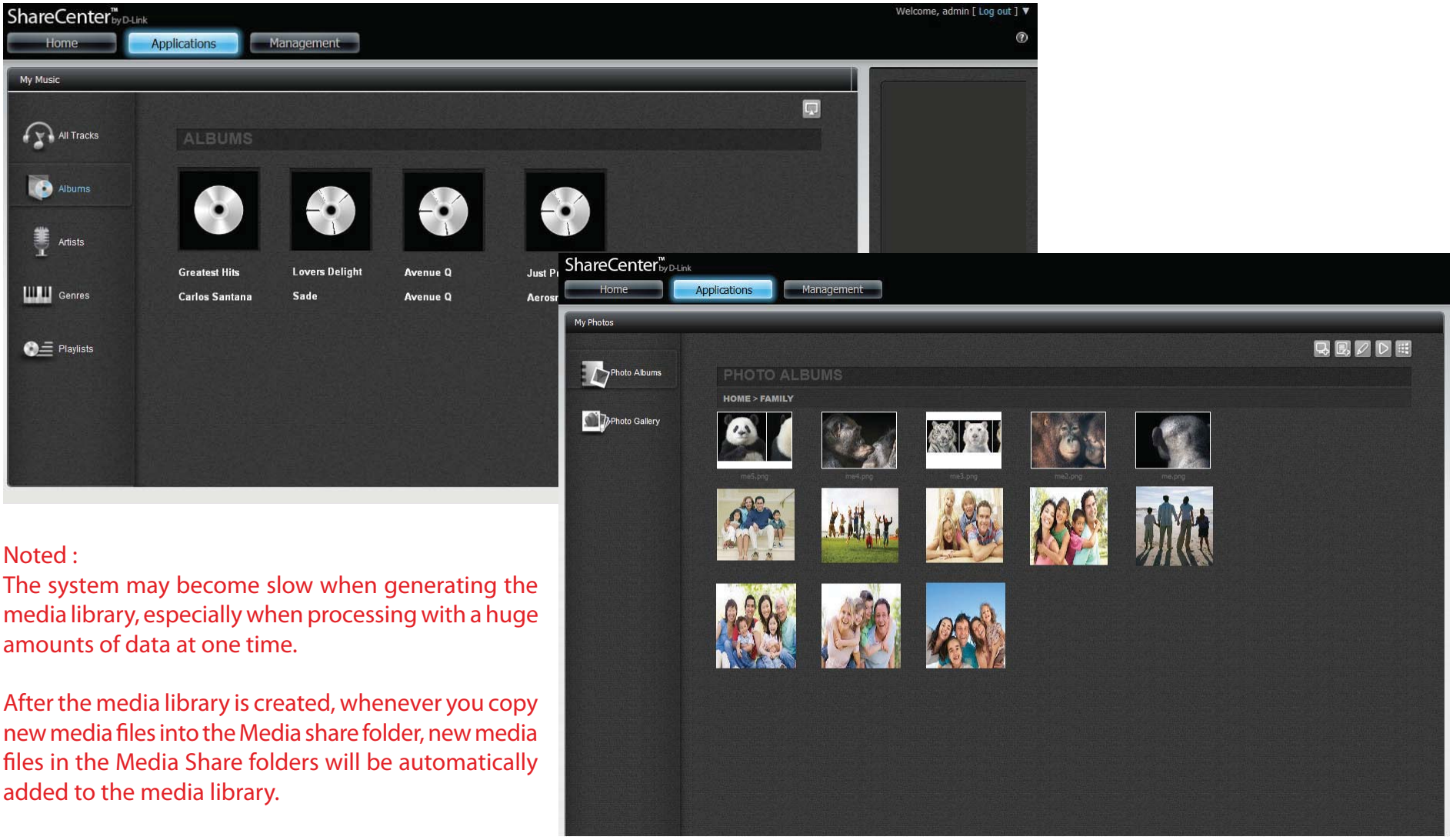
Click the **Enable** radio button to turn NFS service on.

Click **Save Settings**.



Multimedia Services

The Multimedia Share Settings creates a media library from the photos, videos, and audio files. Users can upload files to the designated "Media Share" folders on the DNS-327L and have the multimedia services collate, organize and publish the data in one library. Once these photos, videos, and music files are uploaded to the "Media Shares" folders, the system will generate the media library. Users can see thumbnail views from the MyMusic and MyPhoto panel. The My Music service provides detailed information on the genres, file size and cover art. My Photo creates automatic albums and collates them according to your collection.



Noted :
The system may become slow when generating the media library, especially when processing with a huge amounts of data at one time.

After the media library is created, whenever you copy new media files into the Media share folder, new media files in the Media Share folders will be automatically added to the media library.

Go to Application Management, Multimedia Services.